

FIG. 1

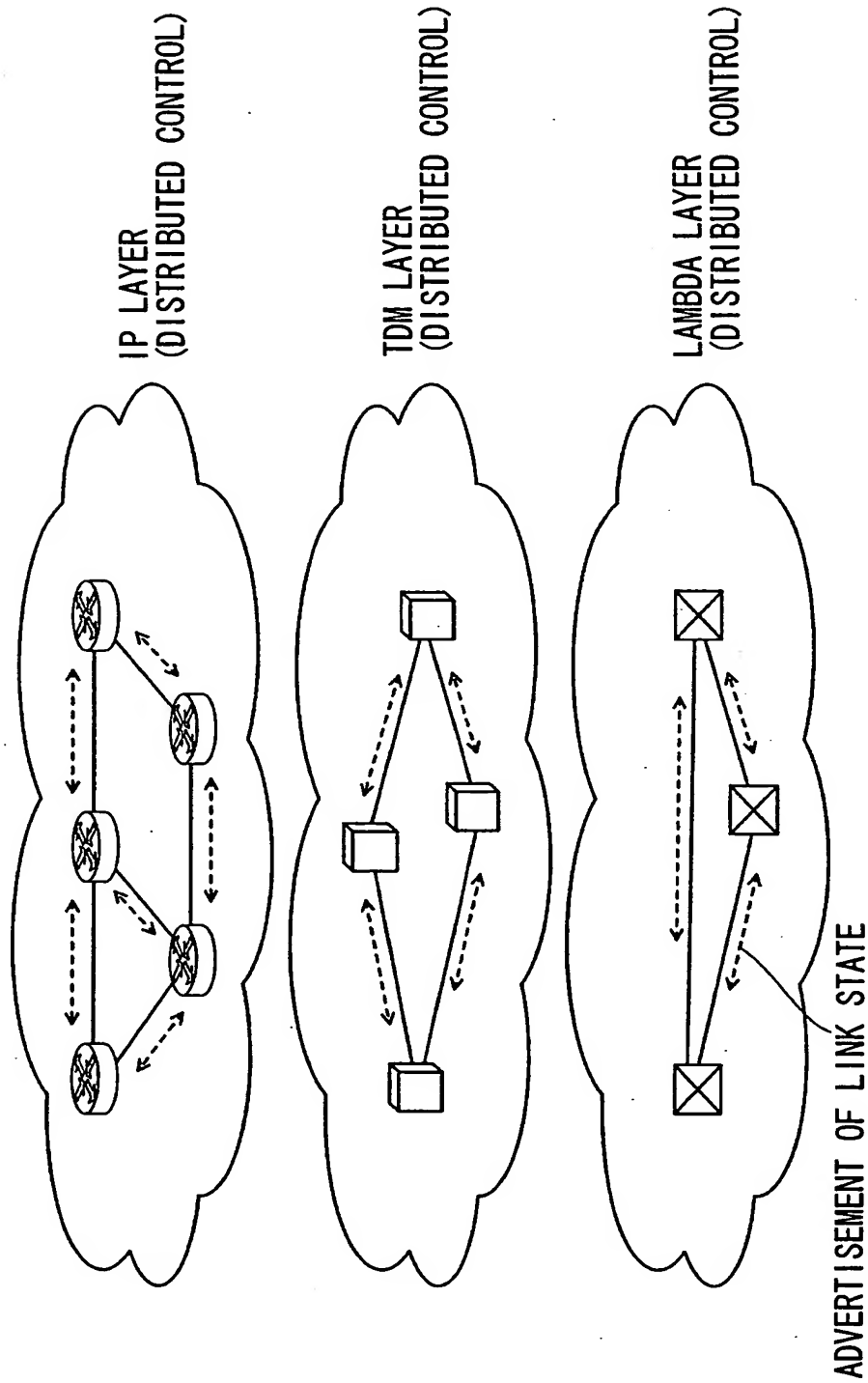
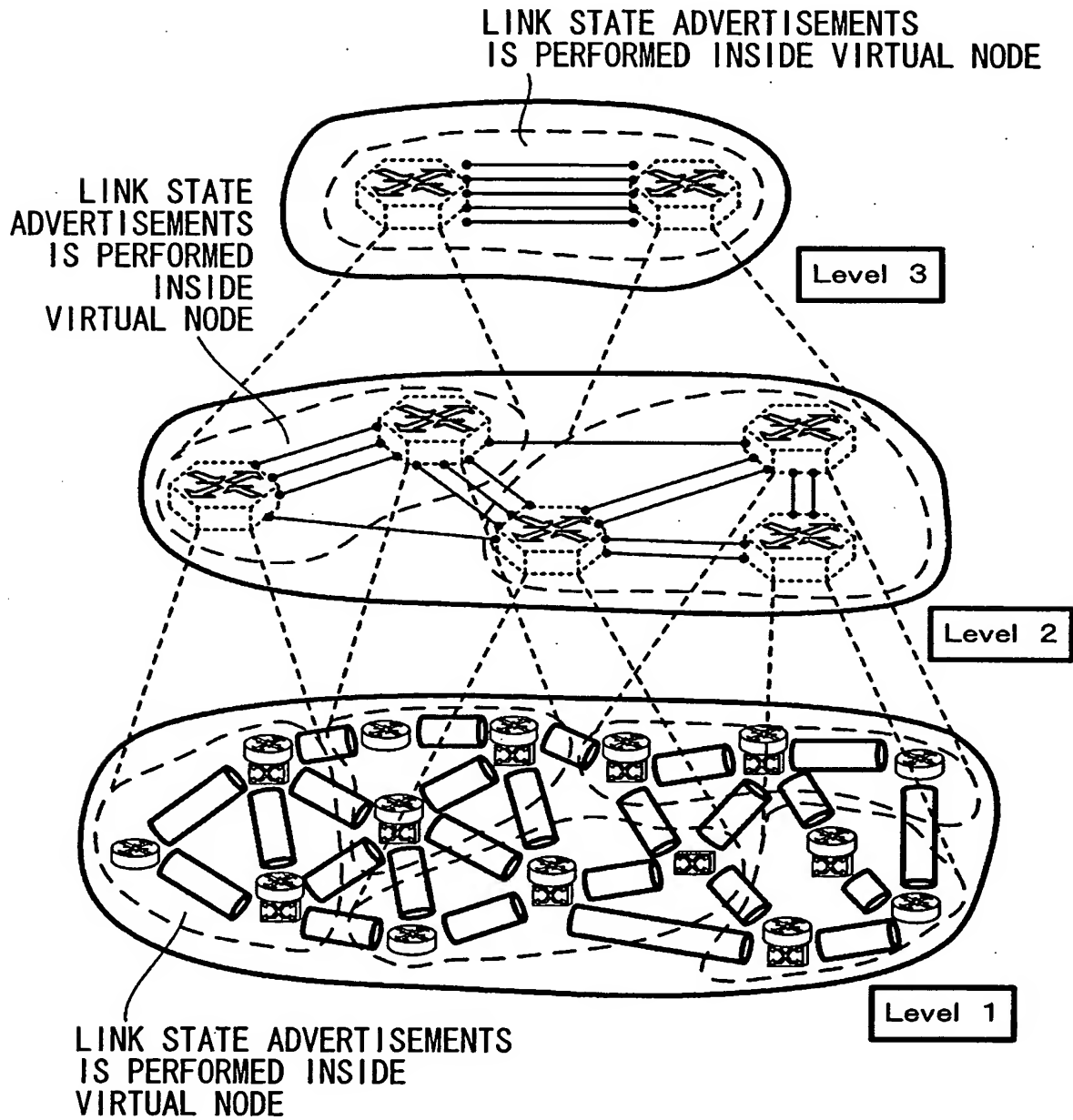


FIG. 2



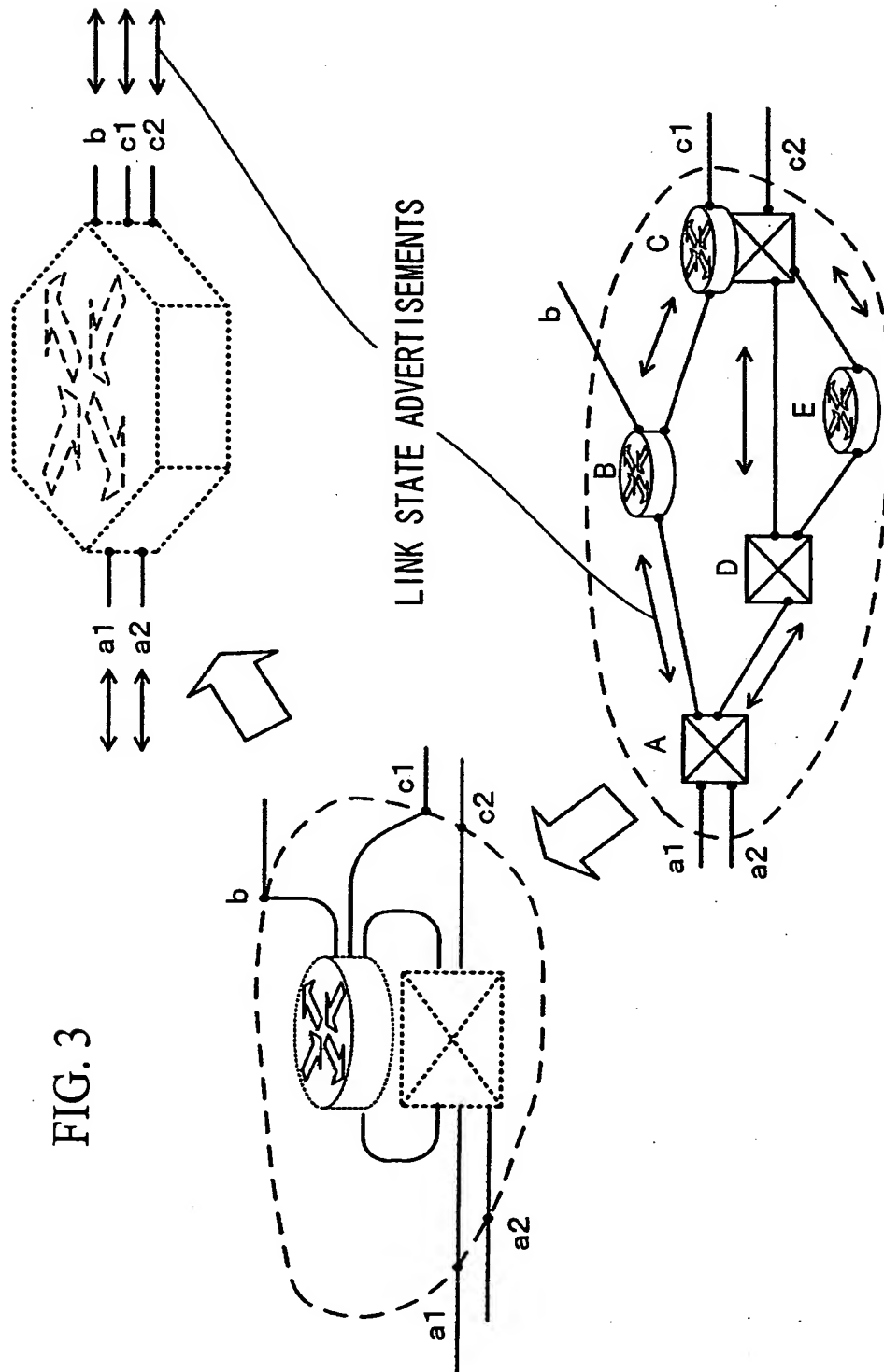
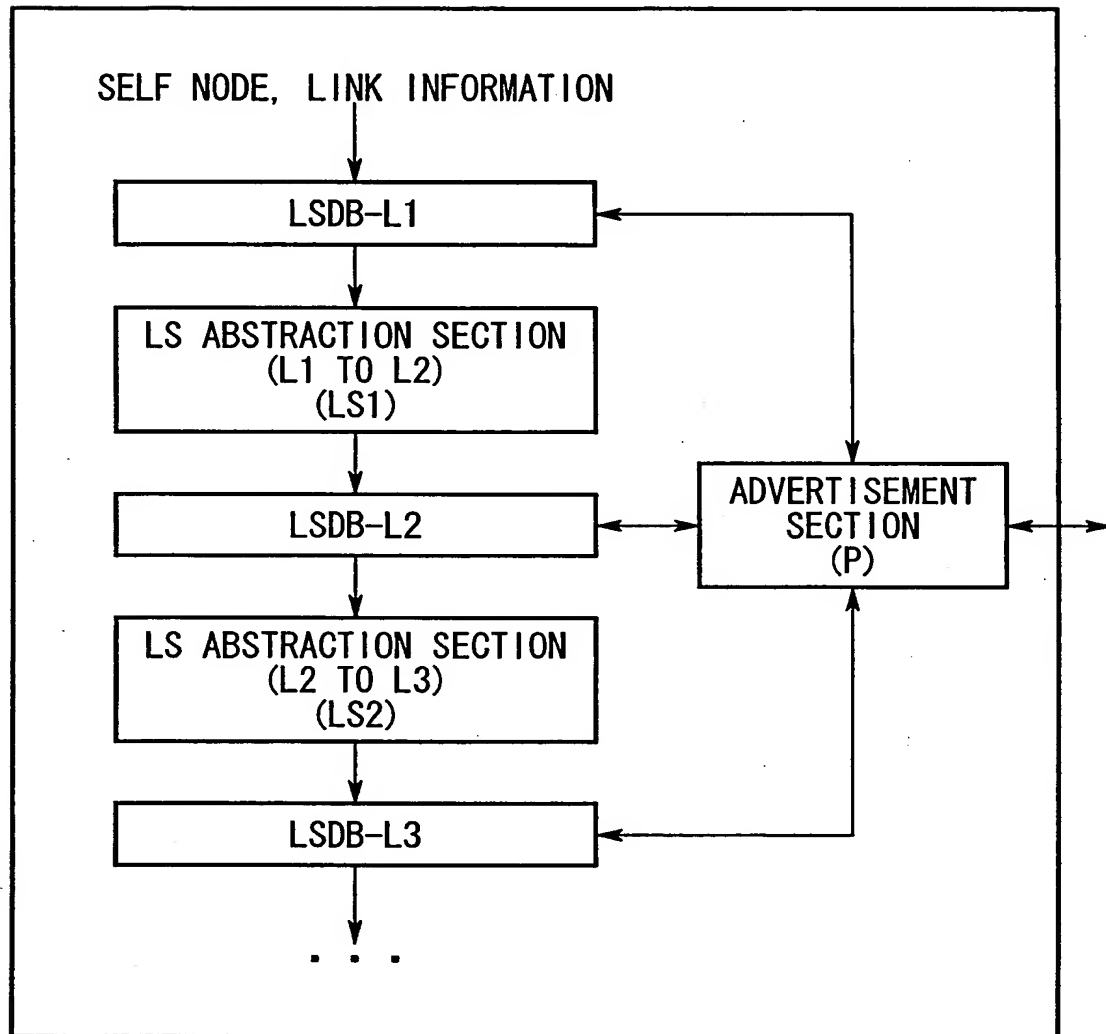


FIG. 4



L1, L2... DENOTE LEVEL 1, LEVEL 2...

FIG. 5

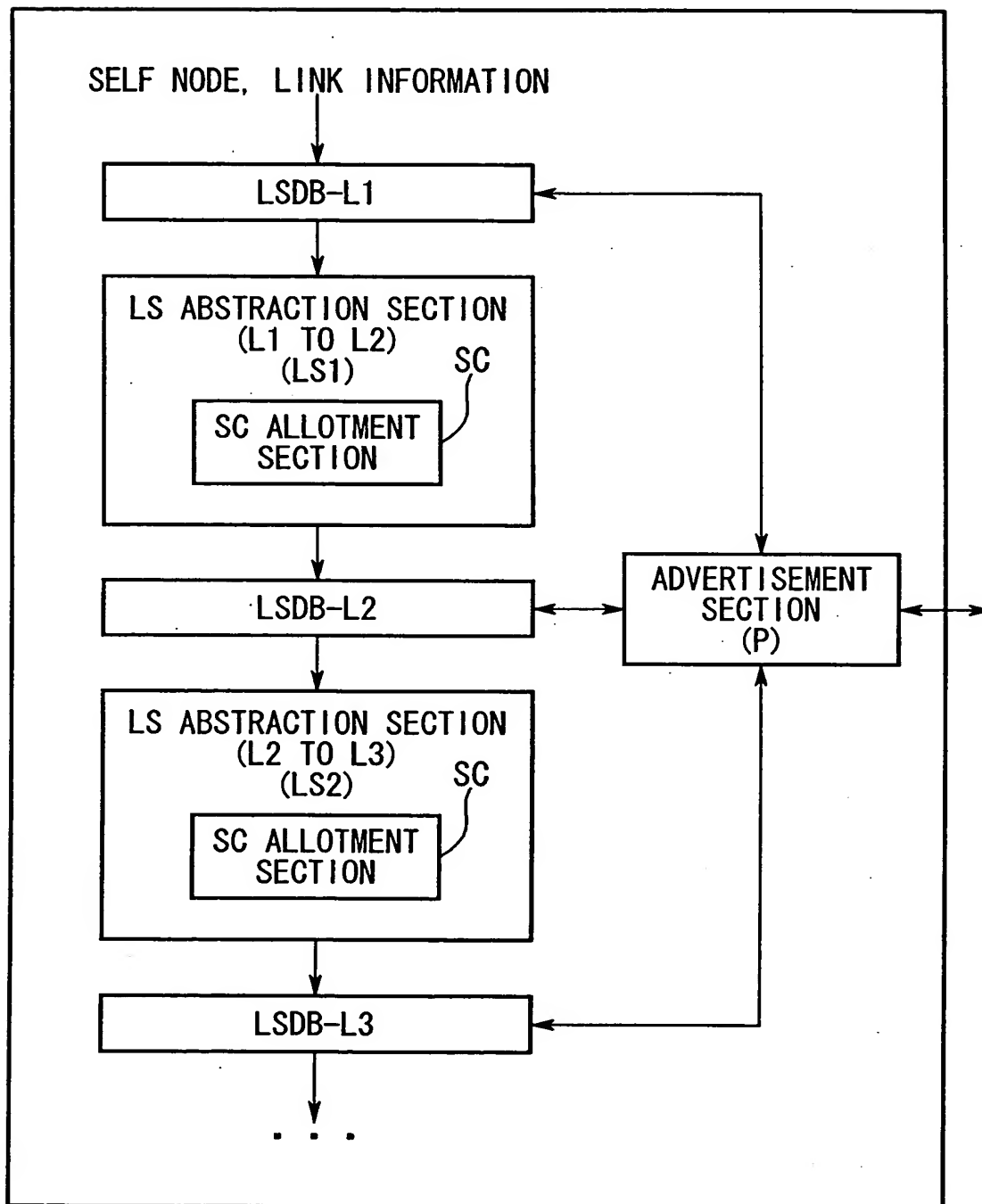


FIG. 6

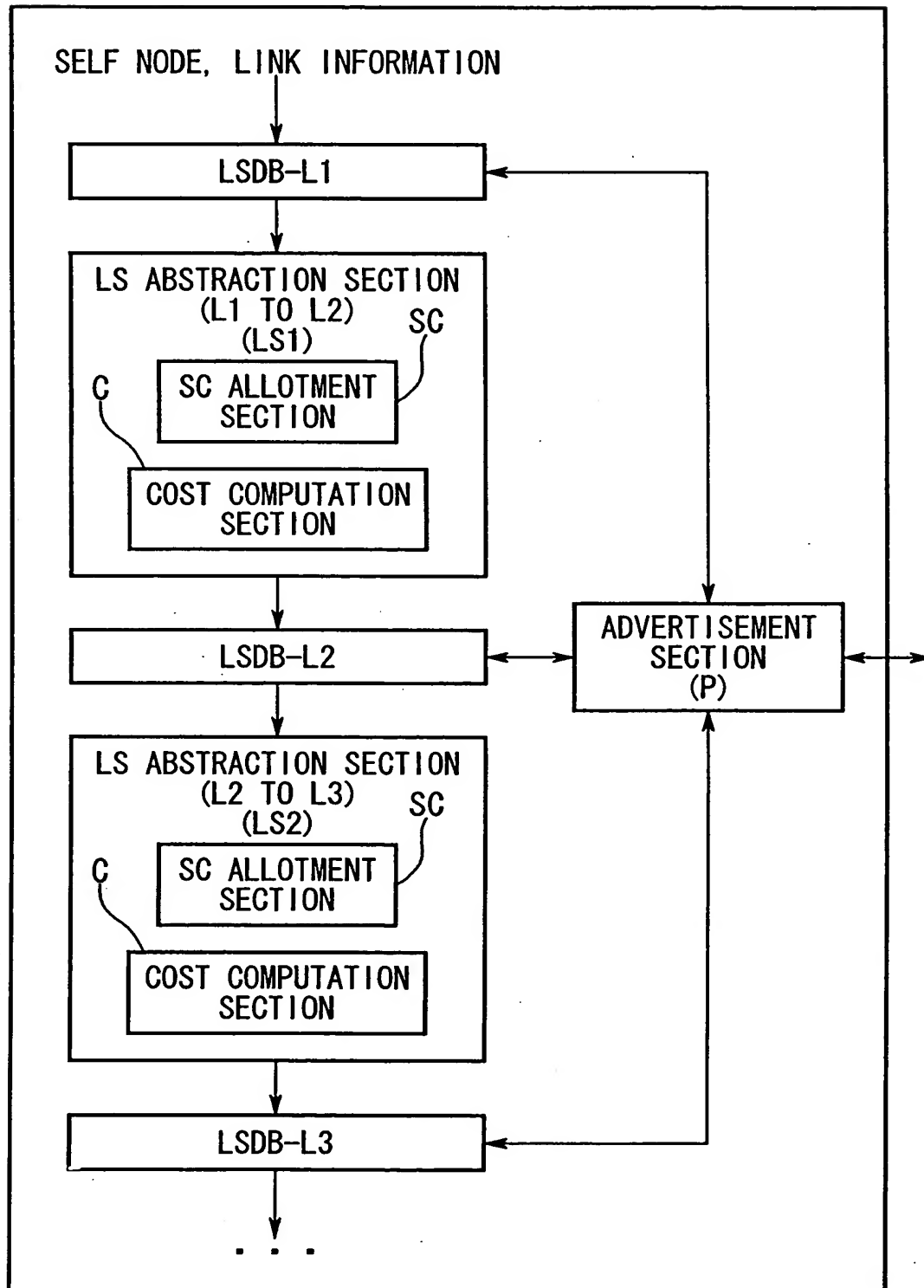
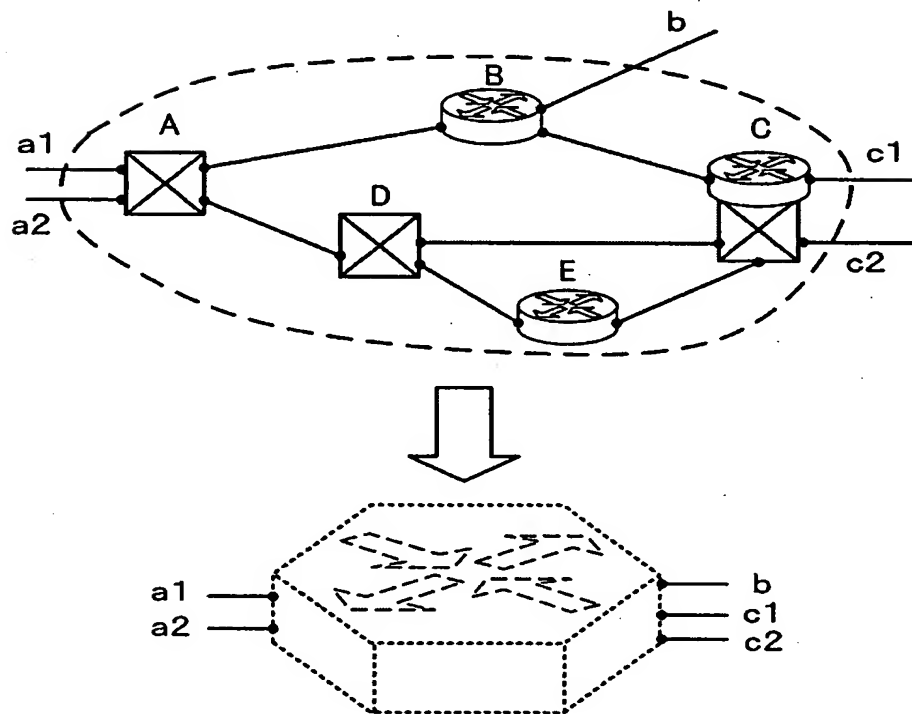
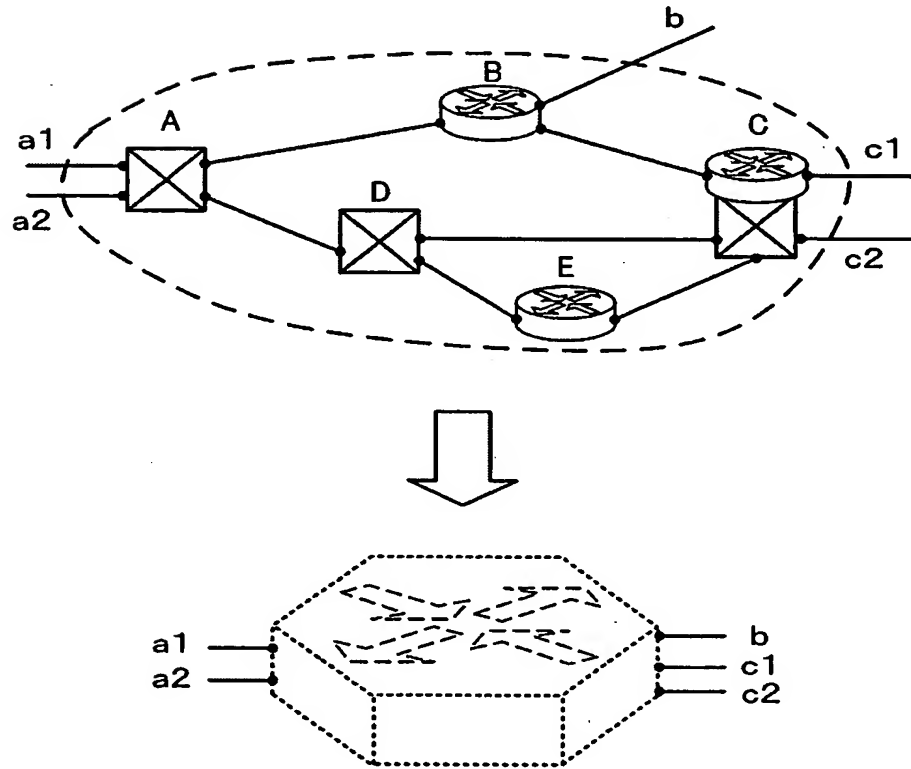


FIG. 7



	a1	a2	b	c1	c2
a1	PSC, LSC	PSC, LSC	PSC	PSC	PSC, LSC
a2	PSC, LSC	PSC, LSC	PSC	PSC	PSC, LSC
b	PSC	PSC	PSC	PSC	PSC
c1	PSC	PSC	PSC	PSC	PSC
c2	PSC, LSC	PSC, LSC	PSC	PSC	PSC

FIG. 8



a1	$\left( \begin{array}{c} \text{LSC} \\ \text{LSC} \\ \text{PSC} \\ \text{PSC} \\ \text{PSC, LSC} \end{array} \right)$
a2	
b	
c1	
c2	



FIG. 9

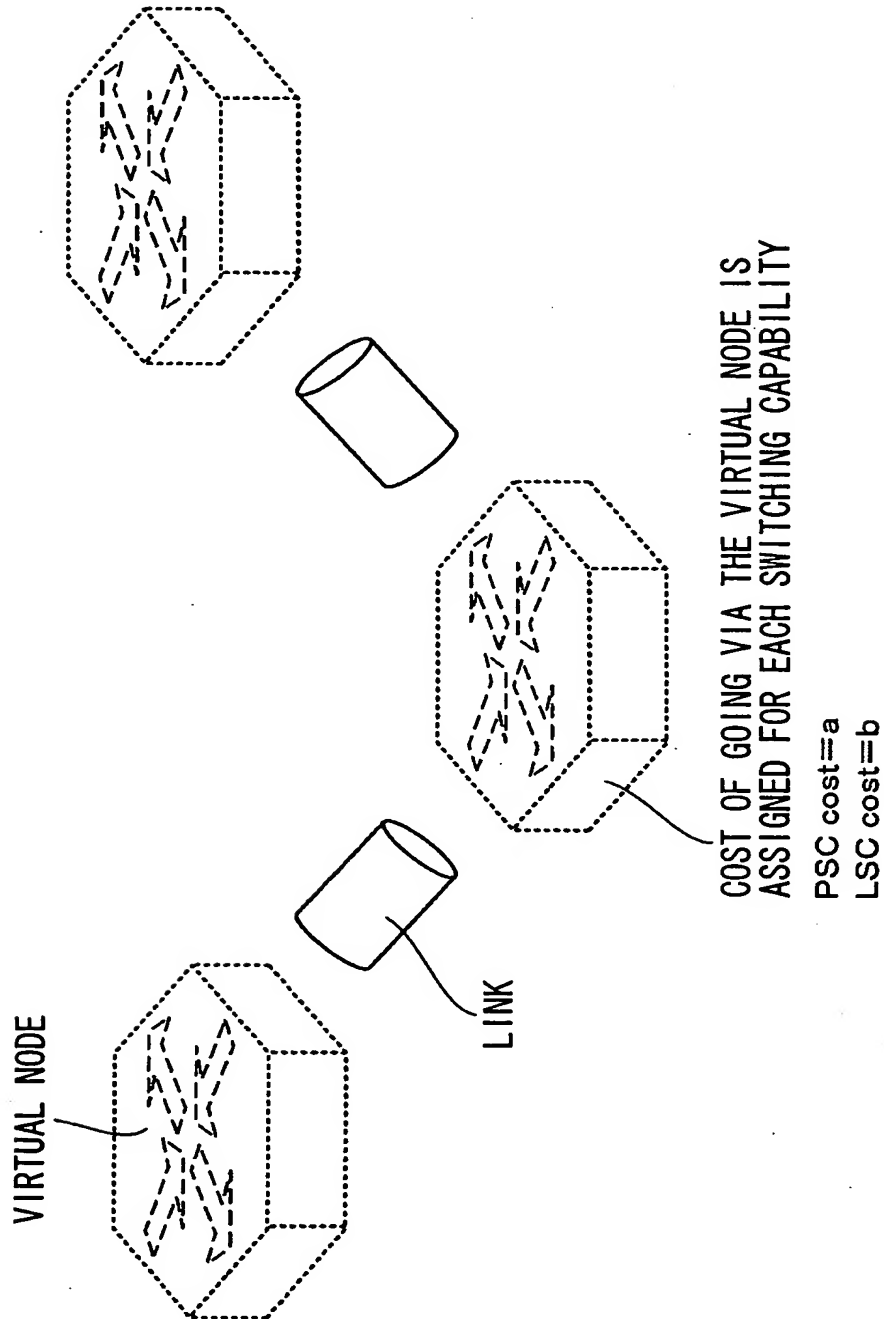
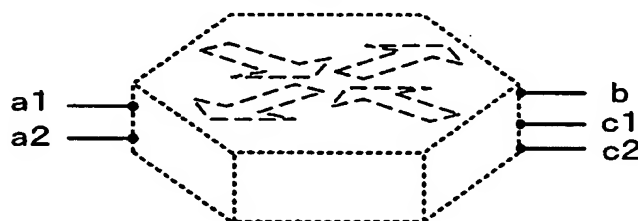
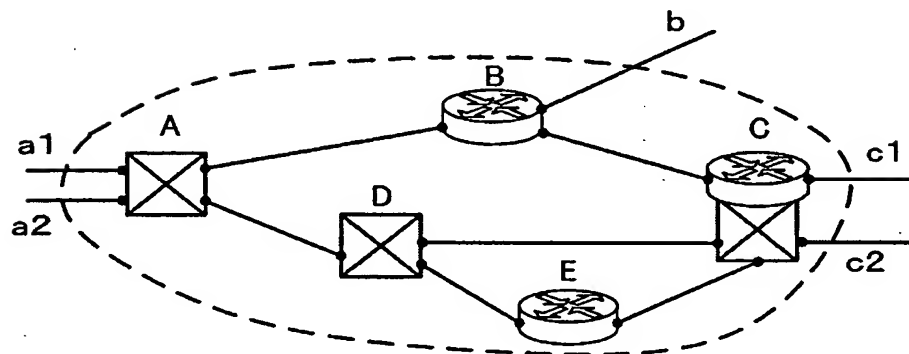


FIG. 10



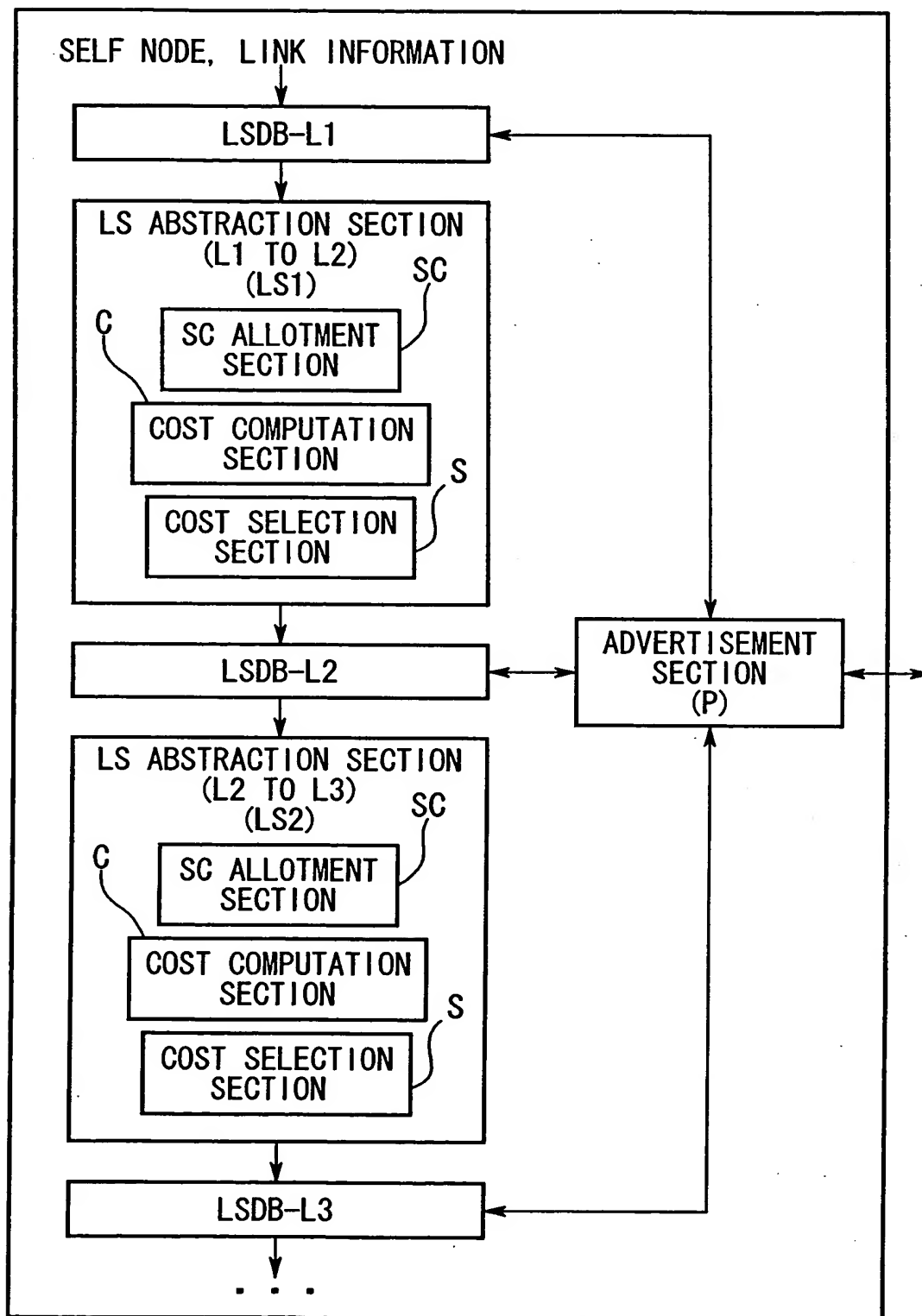
	a1	a2	b	c1	c2
a1	PSC, LSC	PSC, LSC	PSC	PSC	PSC, LSC
a2	PSC, LSC	PSC, LSC	PSC	PSC	PSC, LSC
b	PSC	PSC	PSC	PSC	PSC
c1	PSC	PSC	PSC	PSC	PSC
c2	PSC, LSC	PSC, LSC	PSC	PSC	PSC

...  
COSTS ALLOCATED INDIVIDUALLY

AS THIS COST, THE COST IS ALLOTTED  
OF THE MINIMUM COST PATH  
FROM AMONG THE PATH CANDIDATES  
A-B-C, A-D-C, AND A-D-E-C

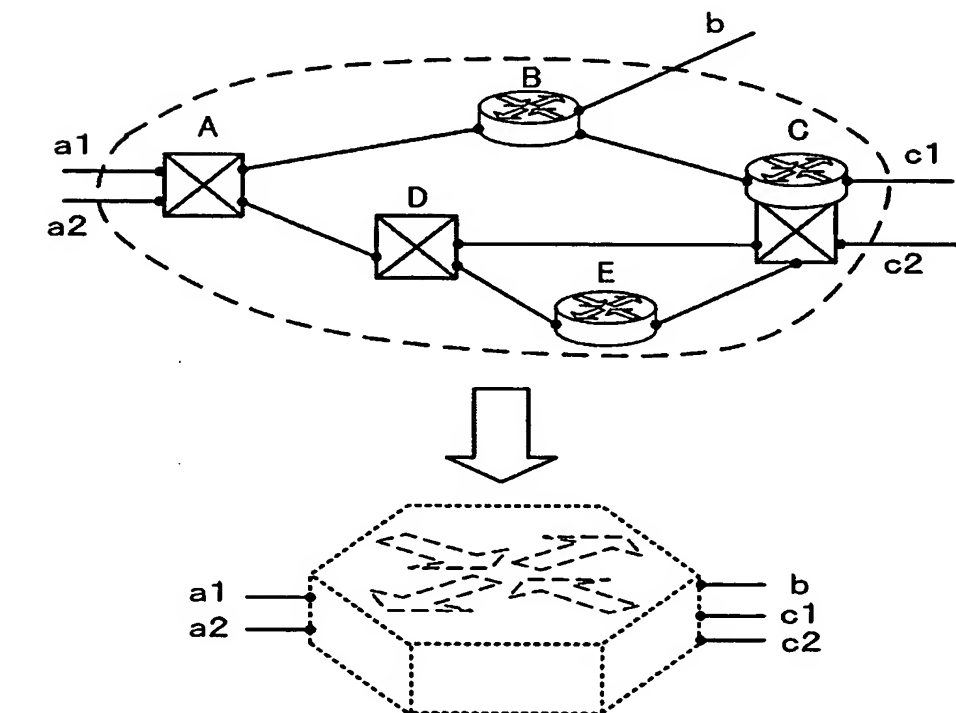
11/53

FIG. 11



12/53

FIG. 12



	a1	a2	b	c1	c2
a1	PSC, LSC	PSC, LSC	PSC	PSC	PSC, LSC
a2	PSC, LSC	PSC, LSC	PSC	PSC	PSC, LSC
b	PSC	PSC	PSC	PSC	PSC
c1	PSC	PSC	PSC	PSC	PSC
c2	PSC, LSC	PSC, LSC	PSC	PSC	PSC

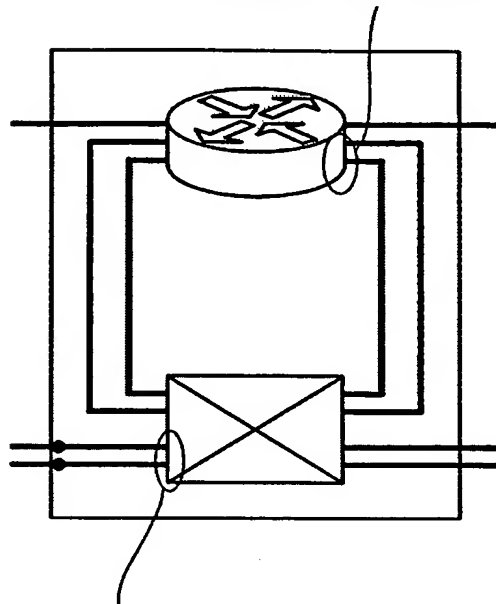
...  
COSTS ALLOCATED INDIVIDUALLY

AS THIS COST, THE COST IS ALLOTTED  
OF THE MINIMUM COST PATH  
FROM AMONG THE PATH CANDIDATES  
A-B-C AND A-D-C

13/53

FIG. 13

P: NUMBER OF AVAILABLE PSC INTERFACES

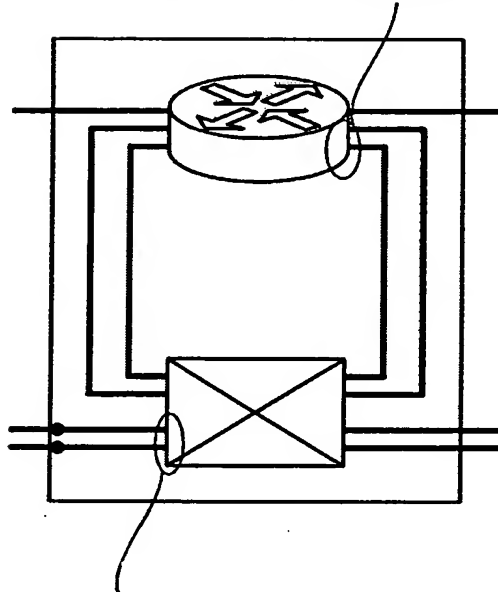


W: NUMBER OF AVAILABLE LSC INTERFACES

PSC cost =  $1/P$   
LSC cost =  $1/W$

FIG. 14

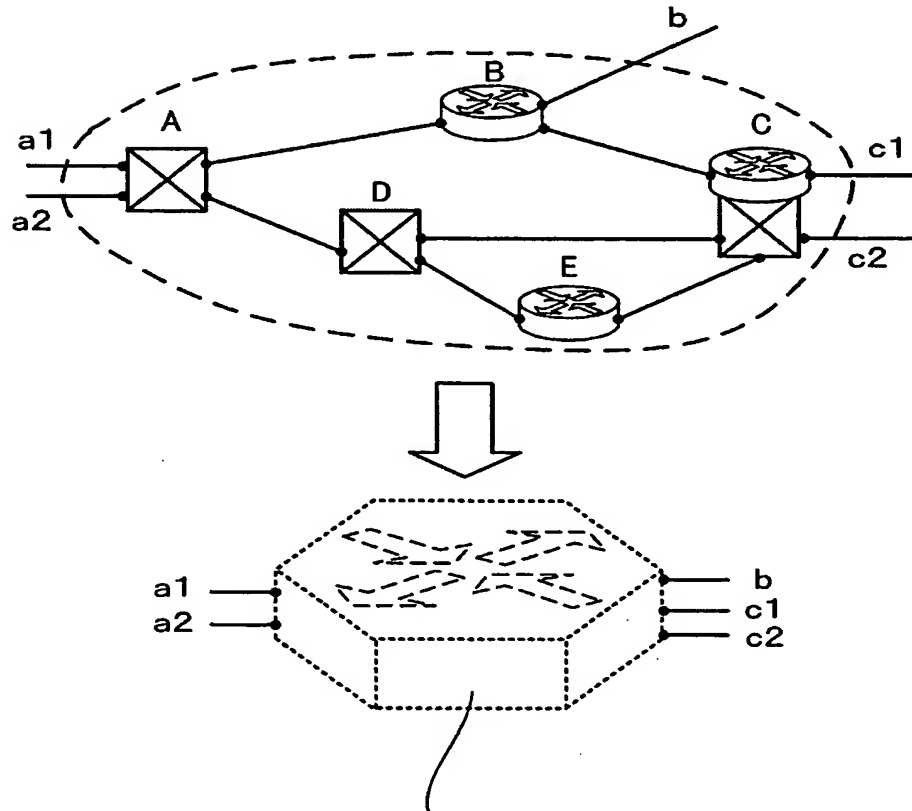
P: NUMBER OF AVAILABLE PSC INTERFACES  
PT: TOTAL NUMBER OF PSC INTERFACES



W: NUMBER OF LSC AVAILABLE INTERFACES  
WT: TOTAL NUMBER OF LSC INTERFACES

PSC cost =  $1 - P/PT$   
LSC cost =  $1 - W/WT$

FIG. 15

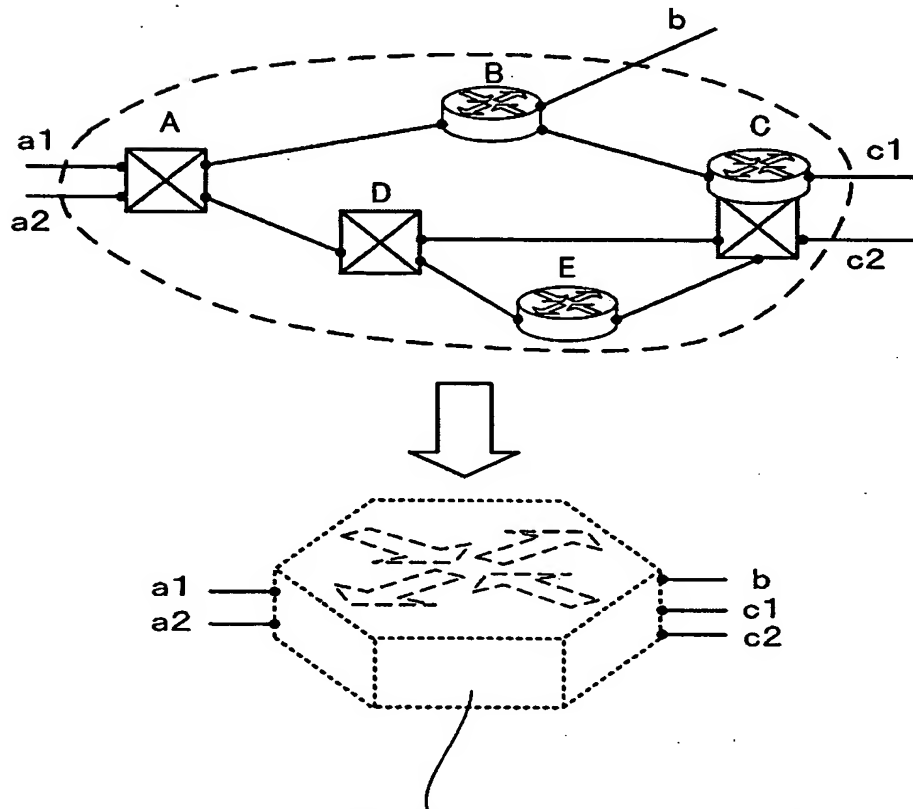


P: NUMBER OF AVAILABLE PSC INTERFACES  
W: NUMBER OF AVAILABLE LSC INTERFACES

PSC cost=1/P  
LSC cost=1/W

15/53

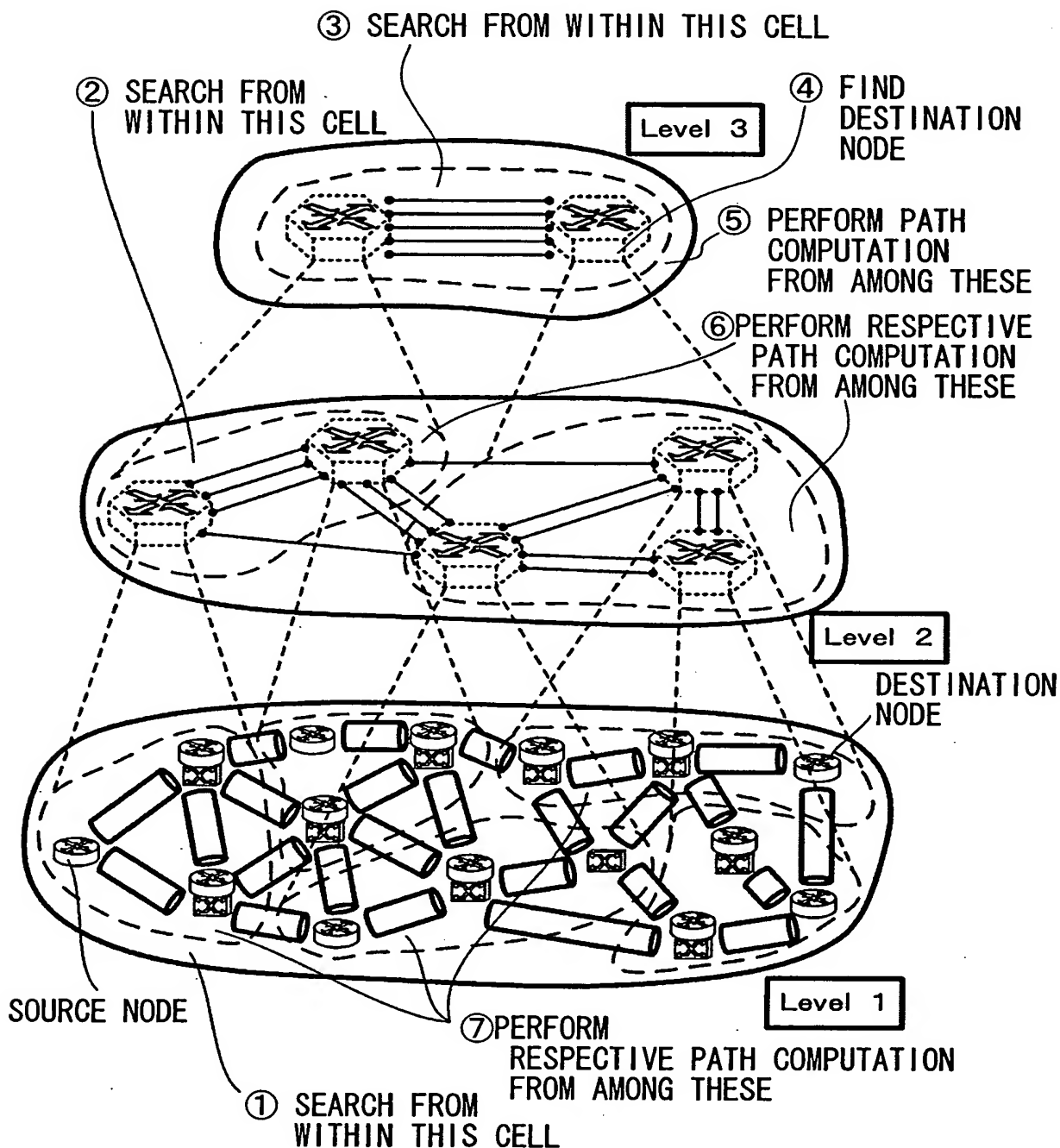
FIG. 16



P: TOTAL NUMBER OF AVAILABLE PSC INTERFACES  
PT: TOTAL NUMBER OF PSC INTERFACES  
W: TOTAL NUMBER OF AVAILABLE LSC INTERFACES  
WT: TOTAL NUMBER OF LSC INTERFACES

$$\text{PSC cost} = 1 - P/PT$$
$$\text{LSC cost} = 1 - W/WT$$

FIG. 17





17/53

FIG. 18

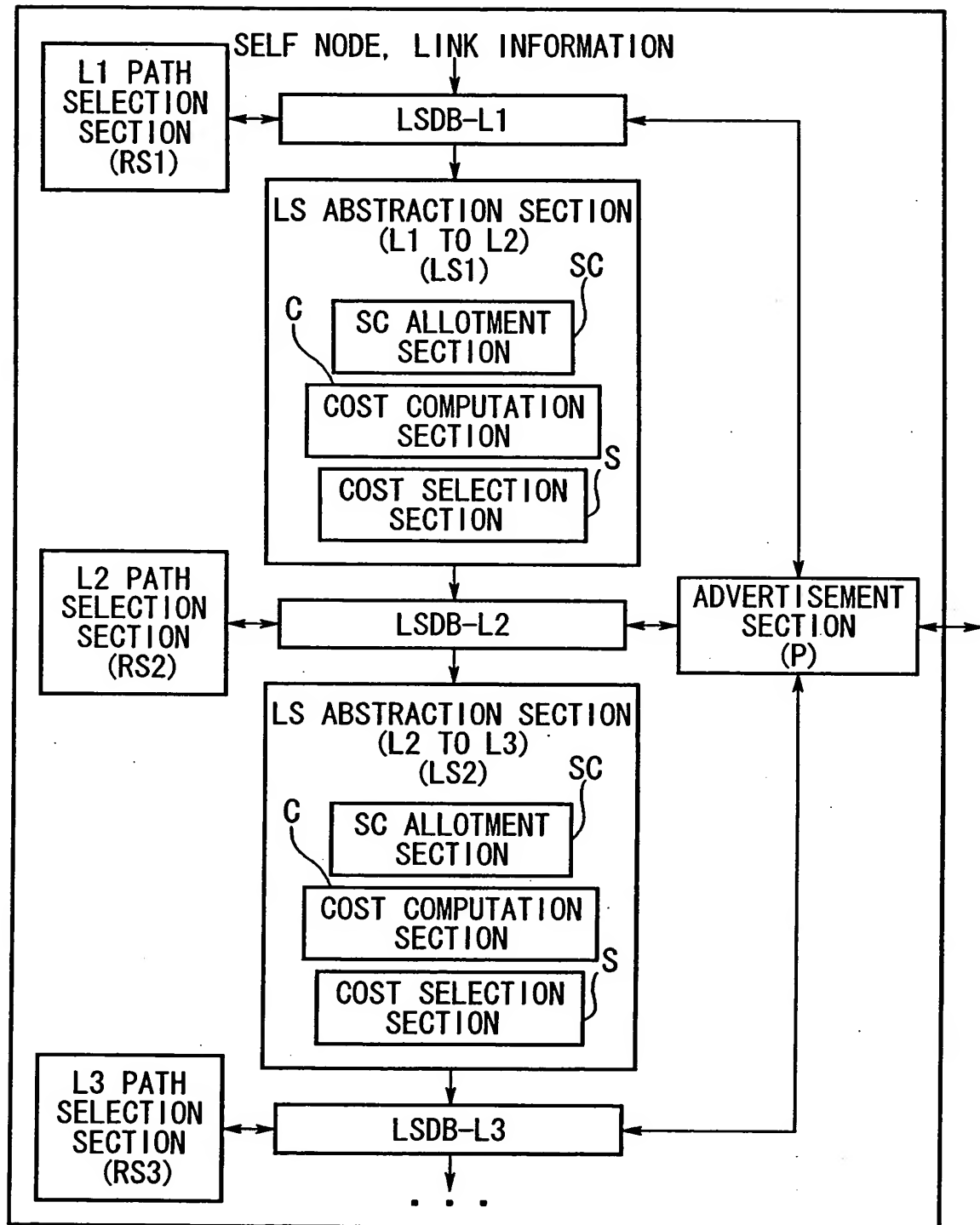
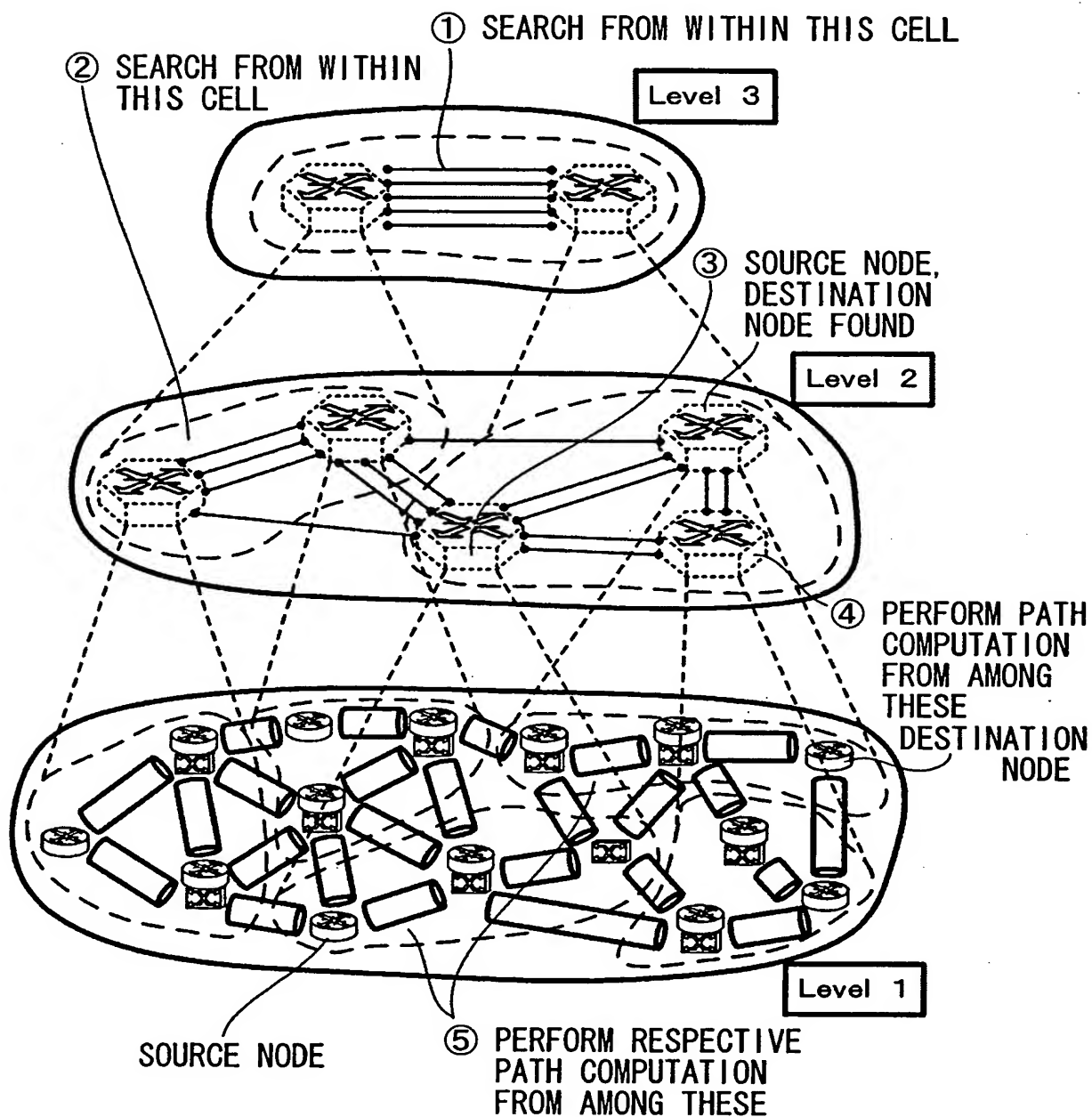


FIG. 19



19/53

FIG. 20

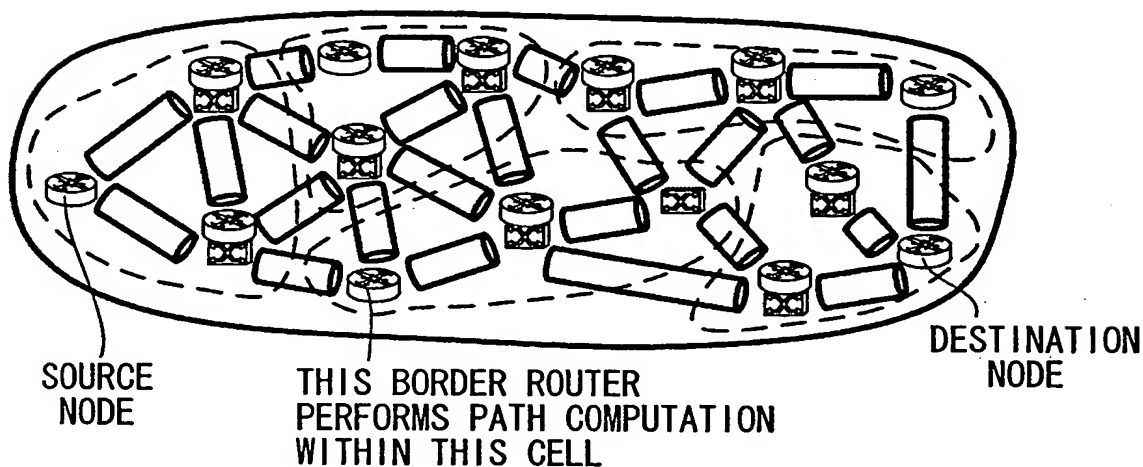


FIG. 21

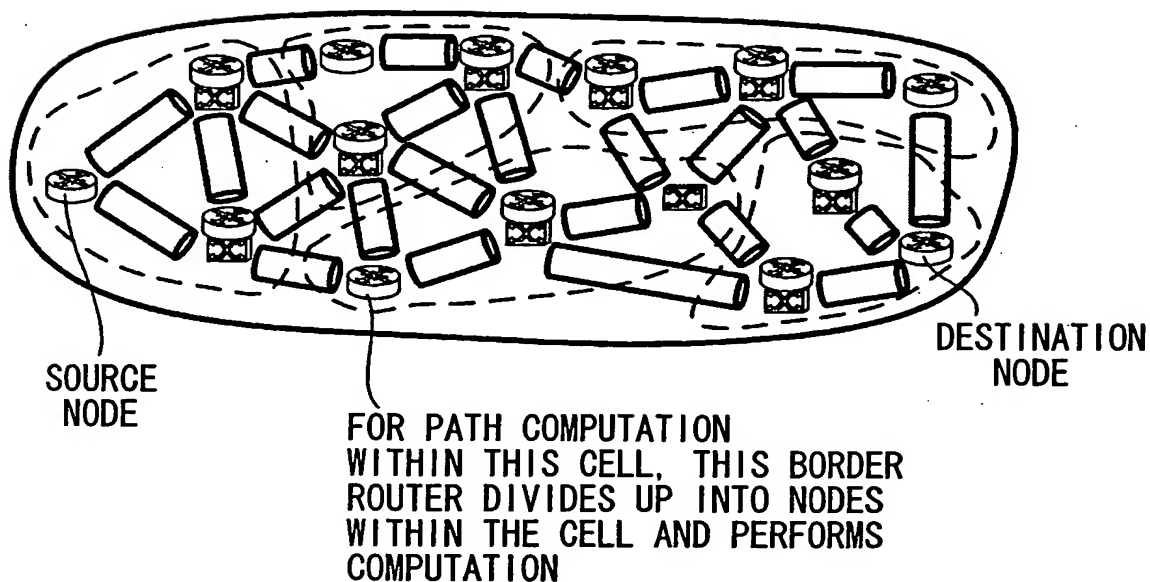


FIG. 22

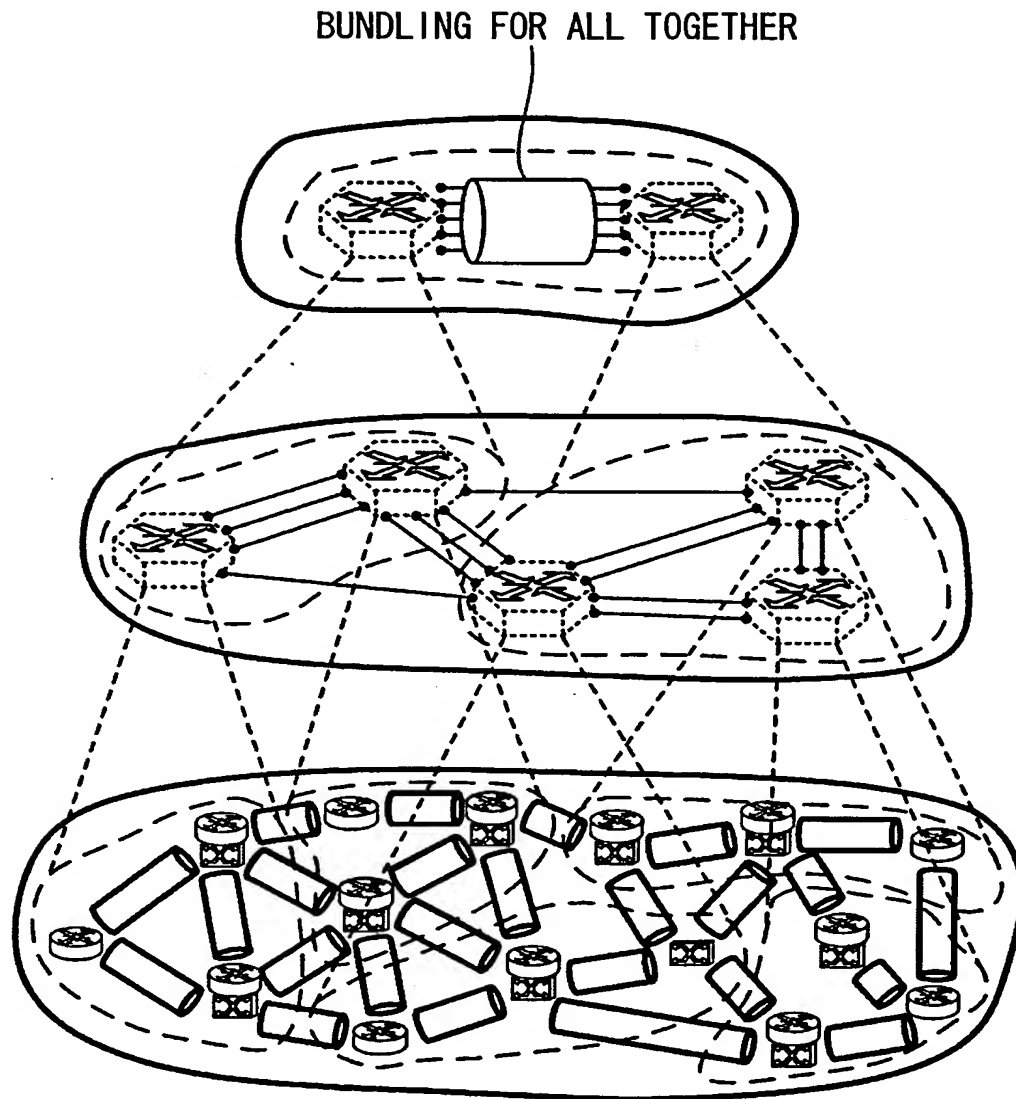


FIG. 23

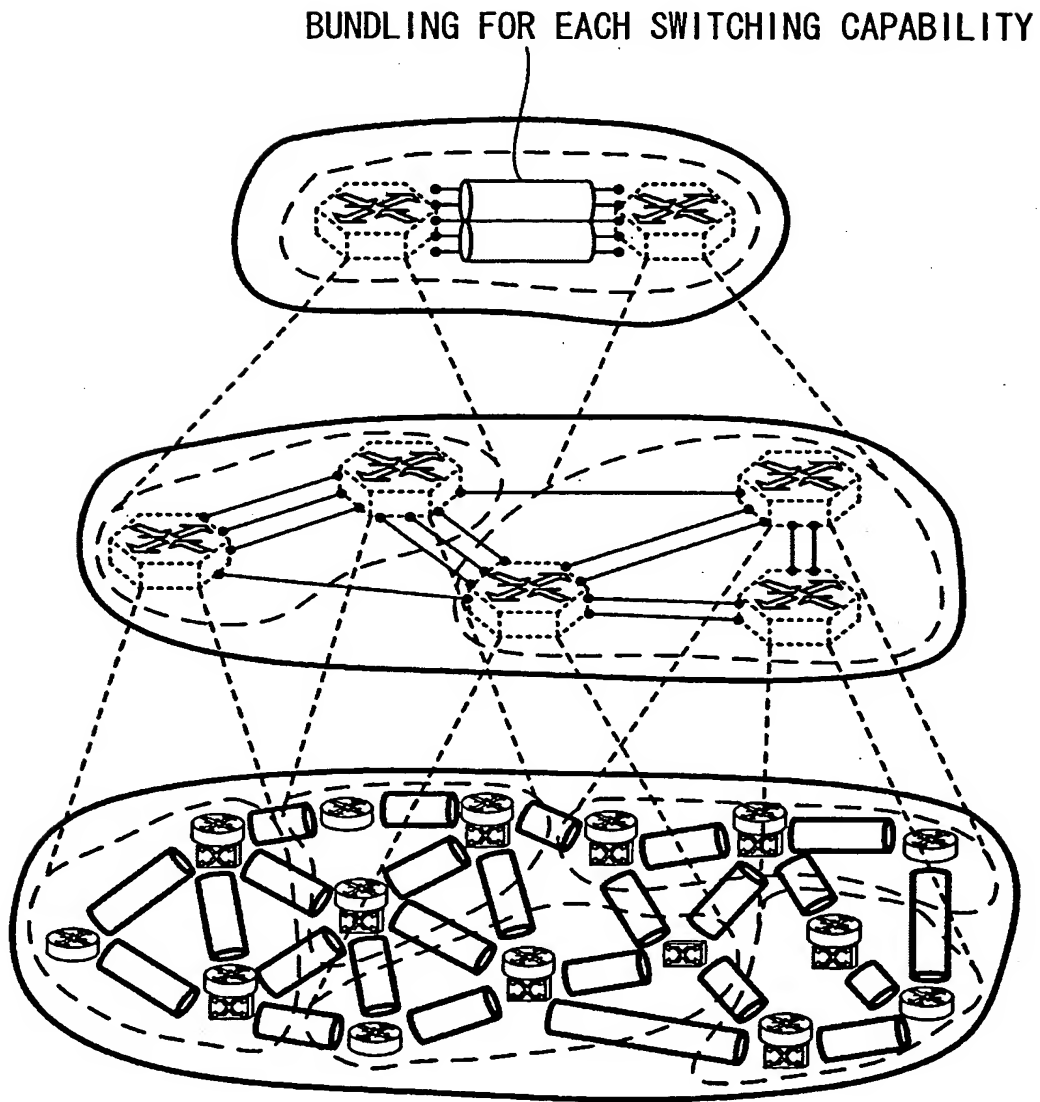


FIG. 24

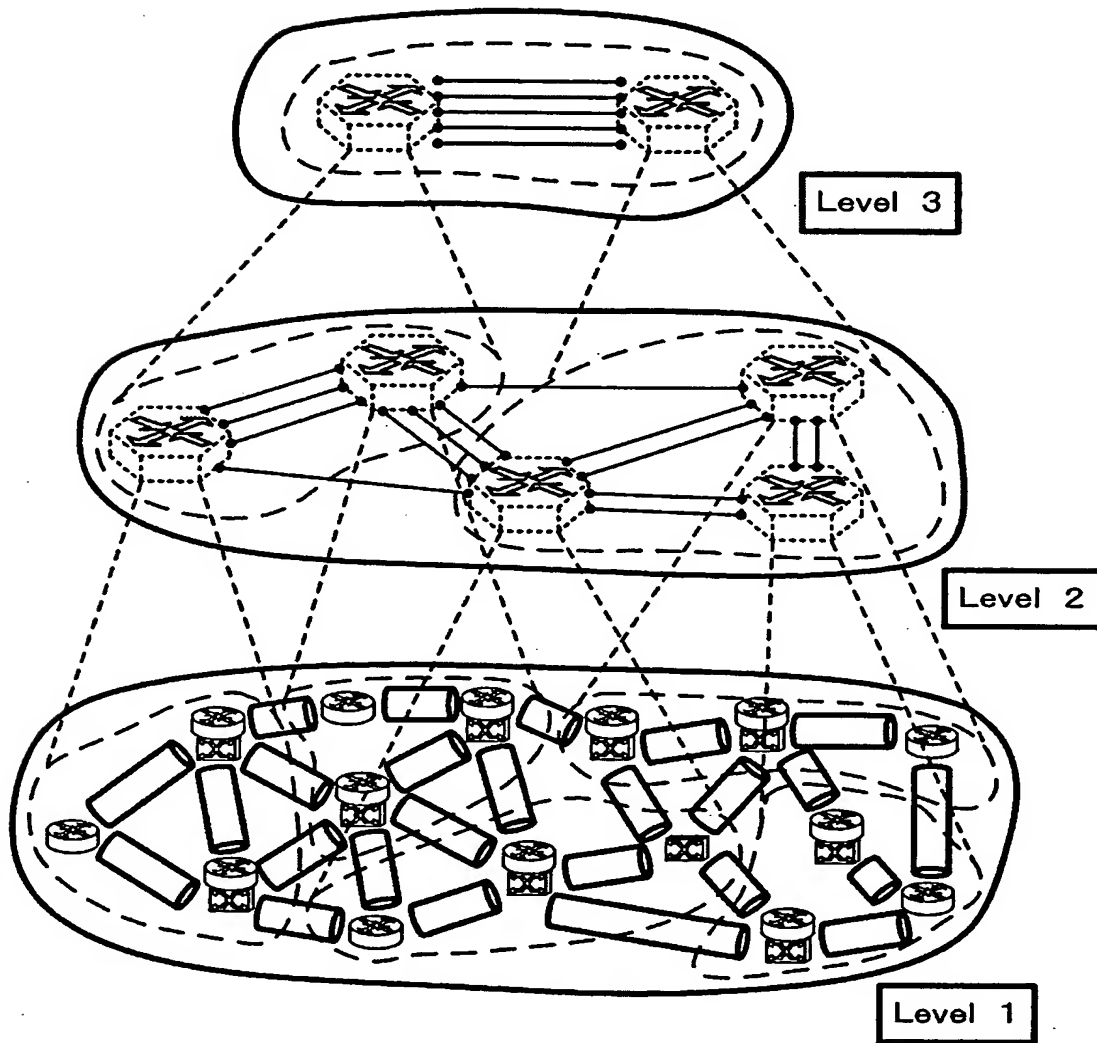


FIG. 25

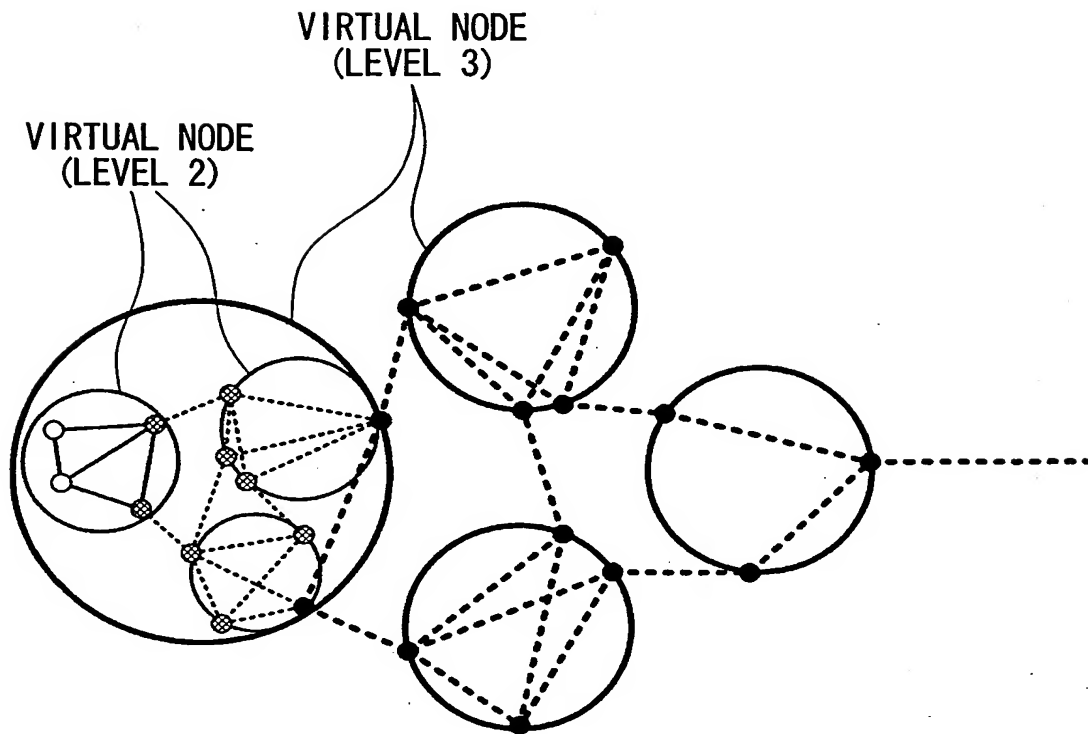
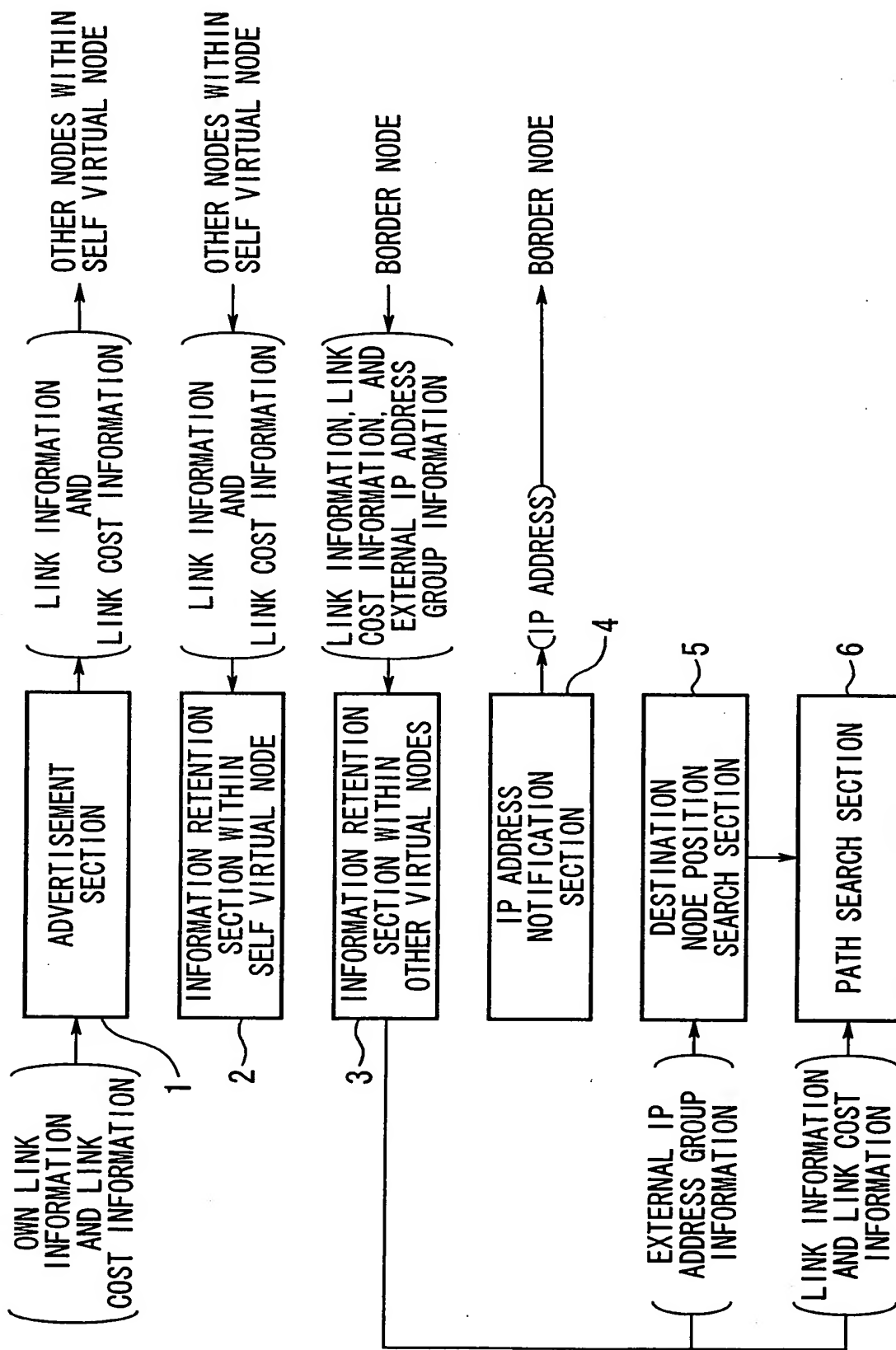


FIG. 26





25/53

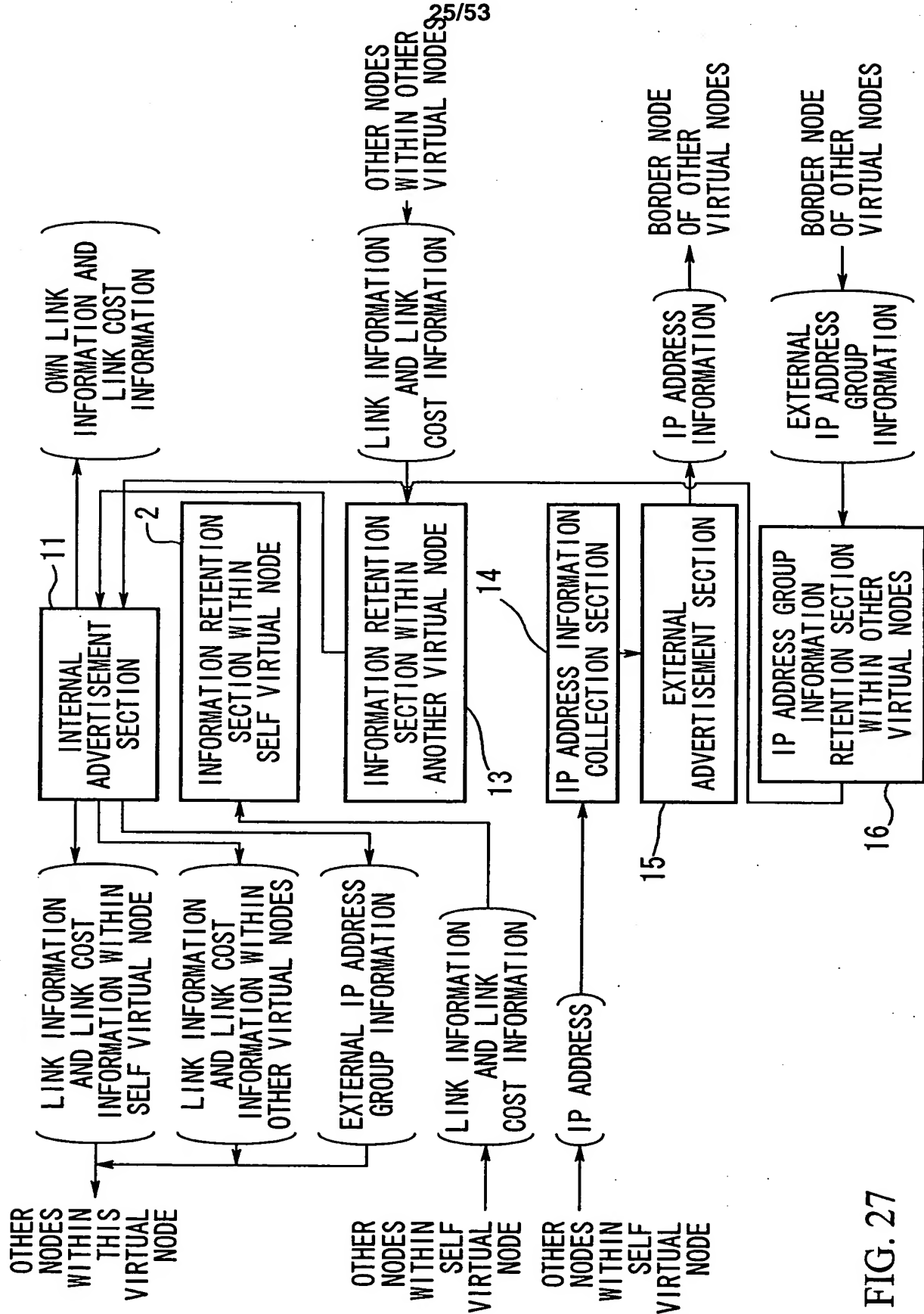
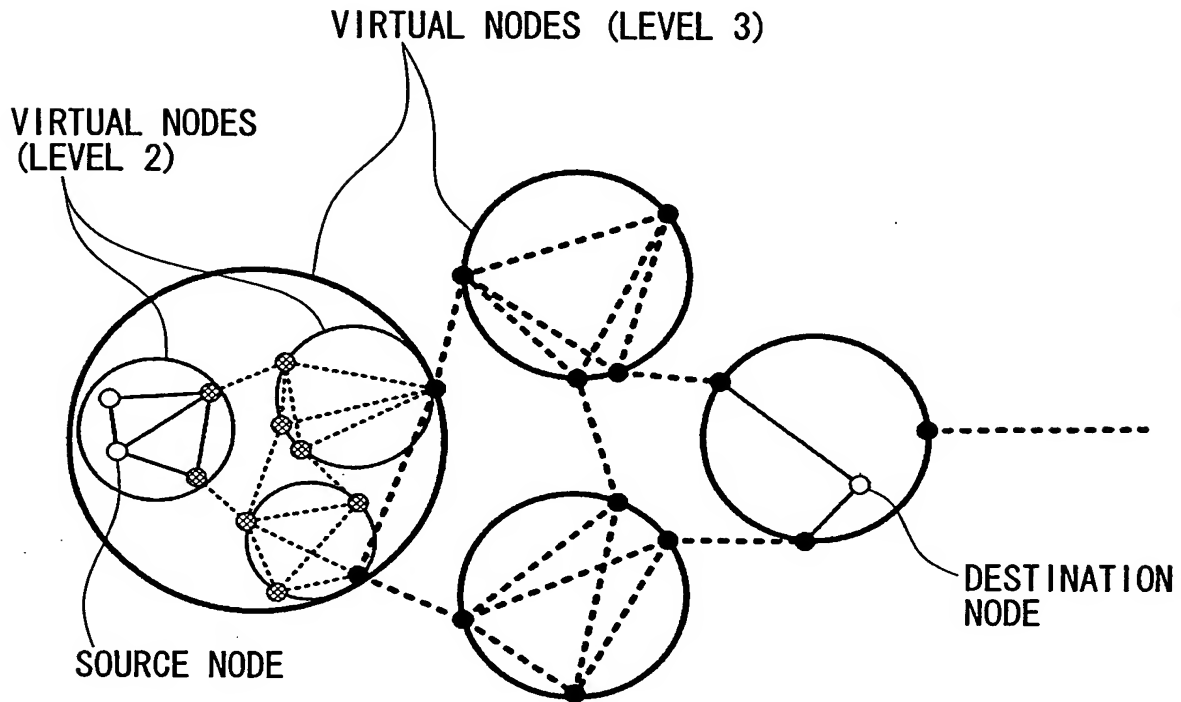


FIG. 27

FIG. 28



27/53

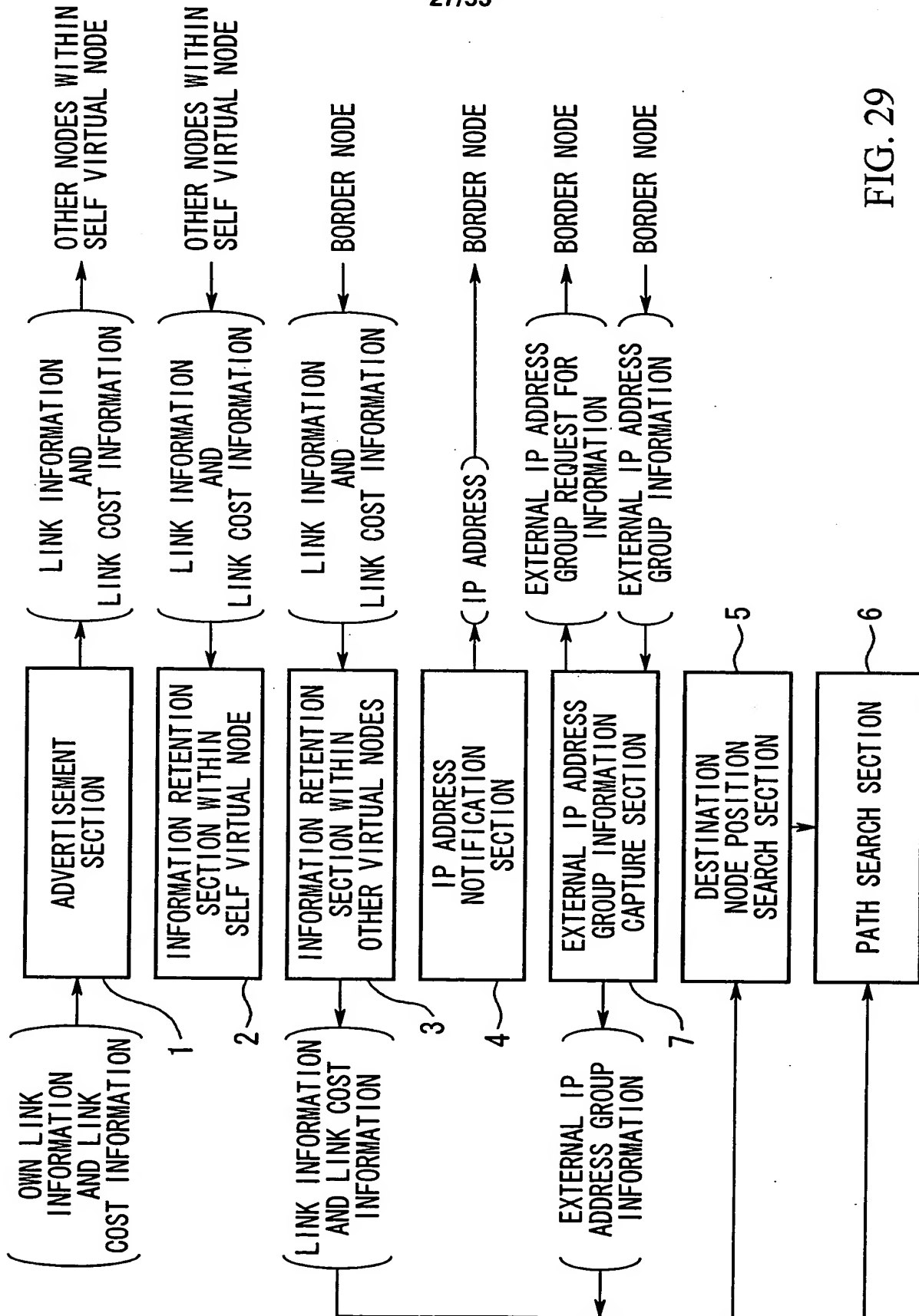
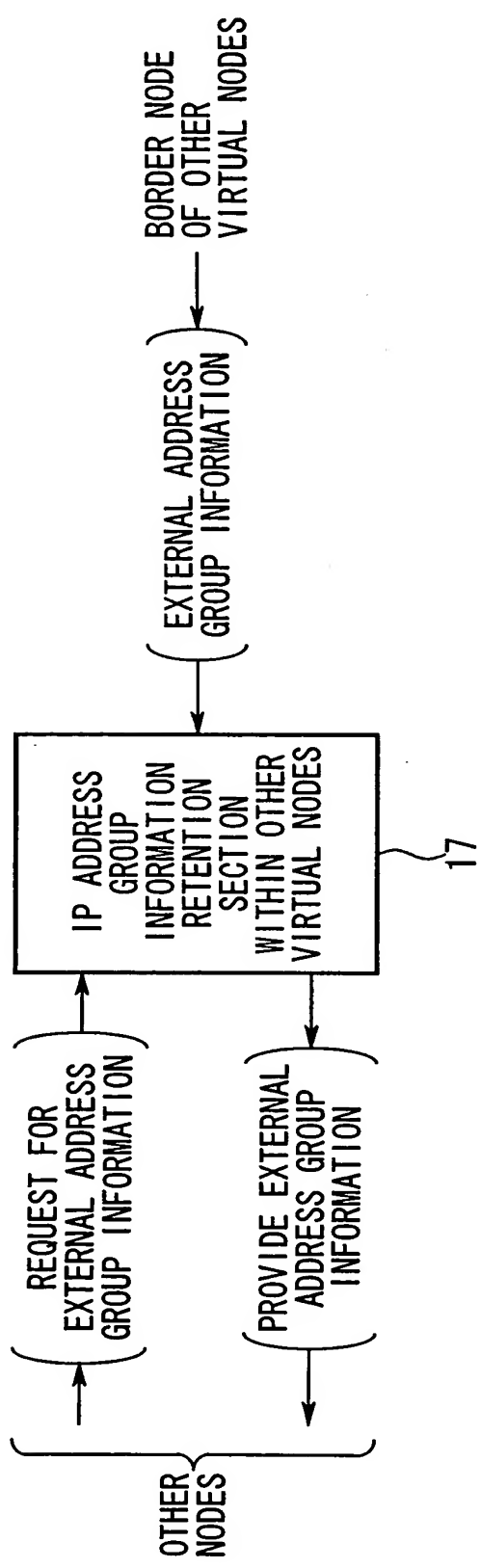


FIG. 29

FIG. 30



29/53

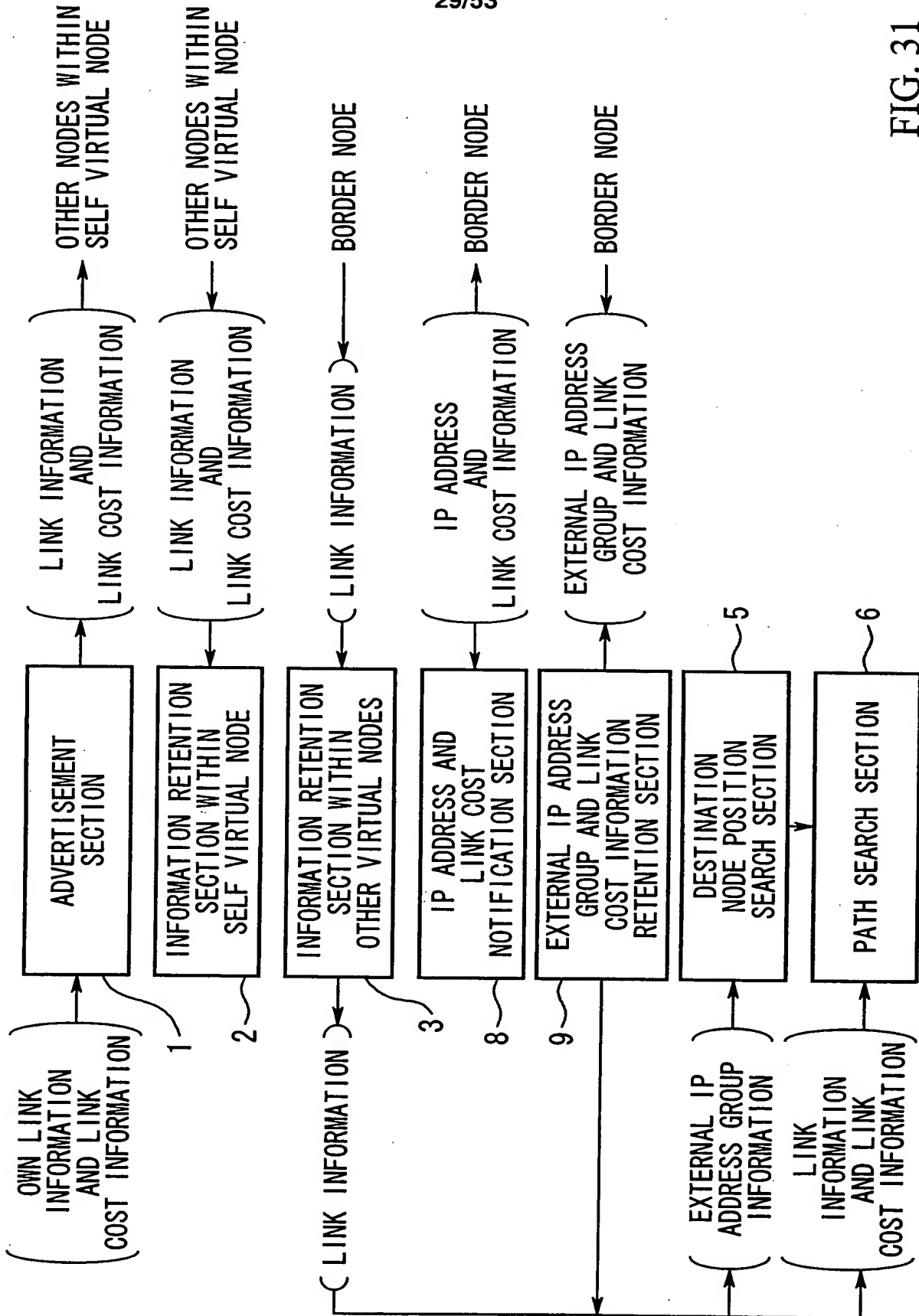
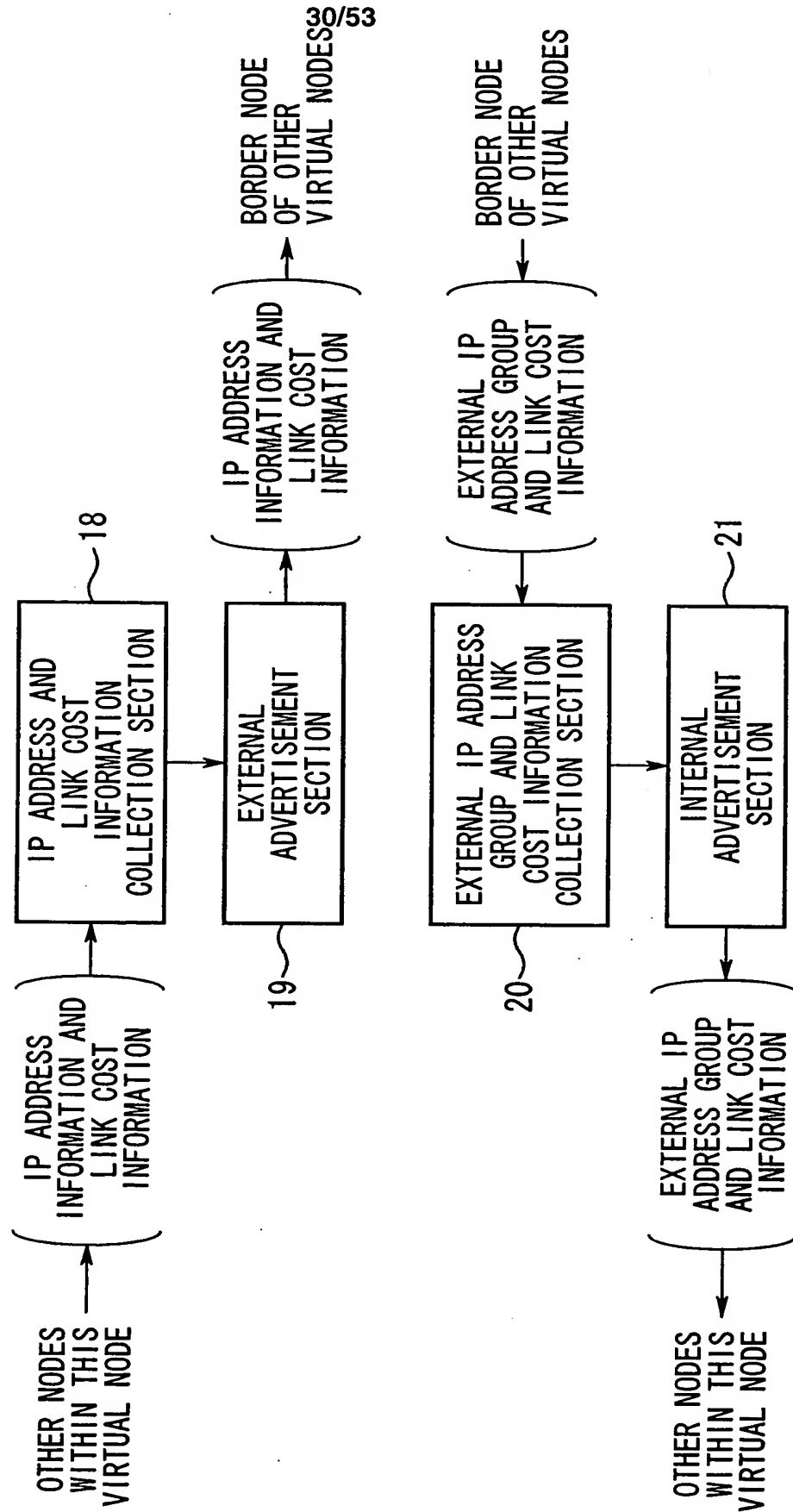


FIG. 31

FIG. 32



31/53

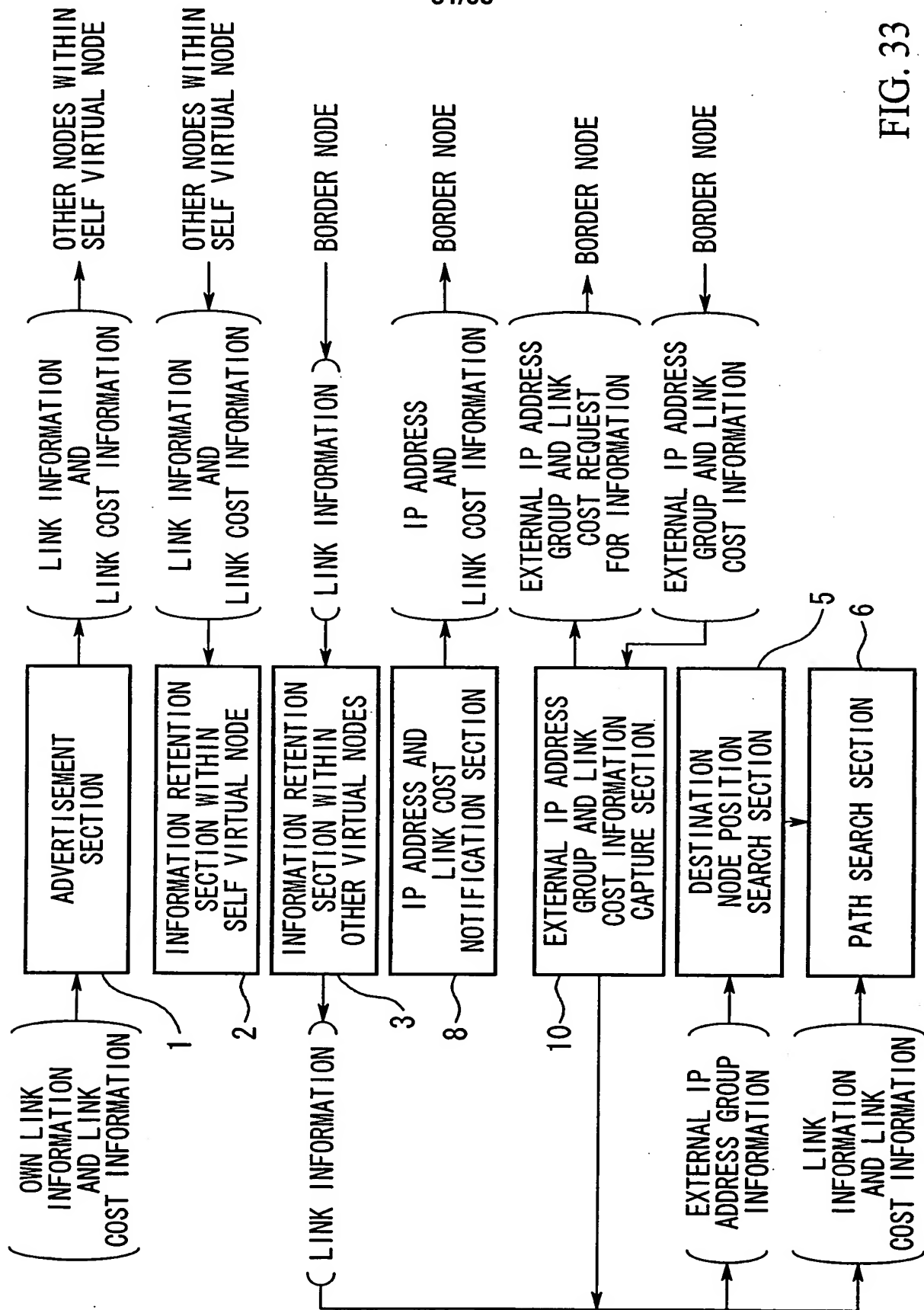
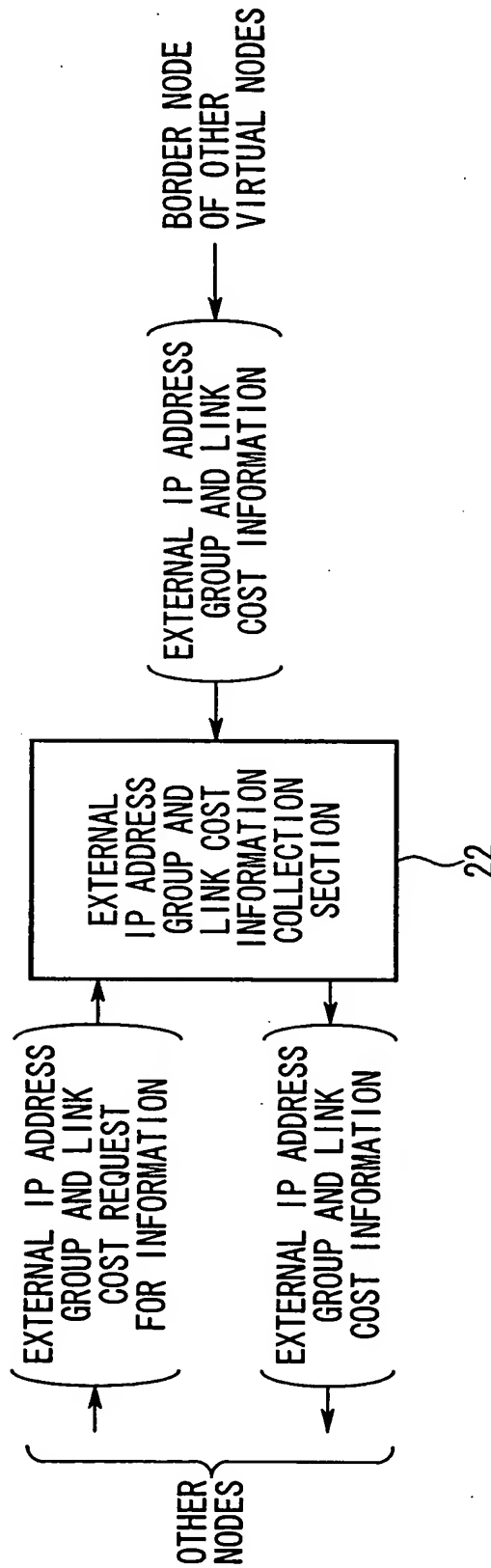


FIG. 33

32/53

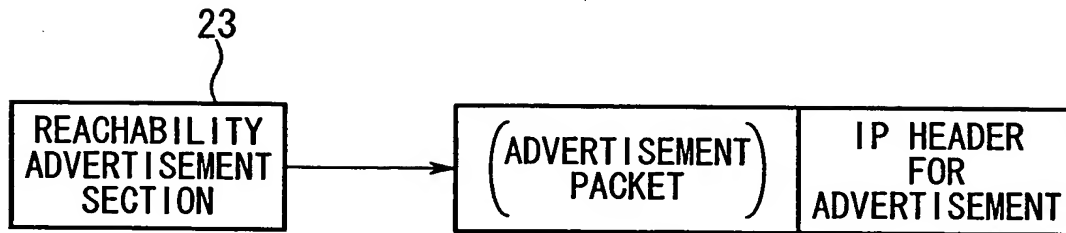
FIG. 34





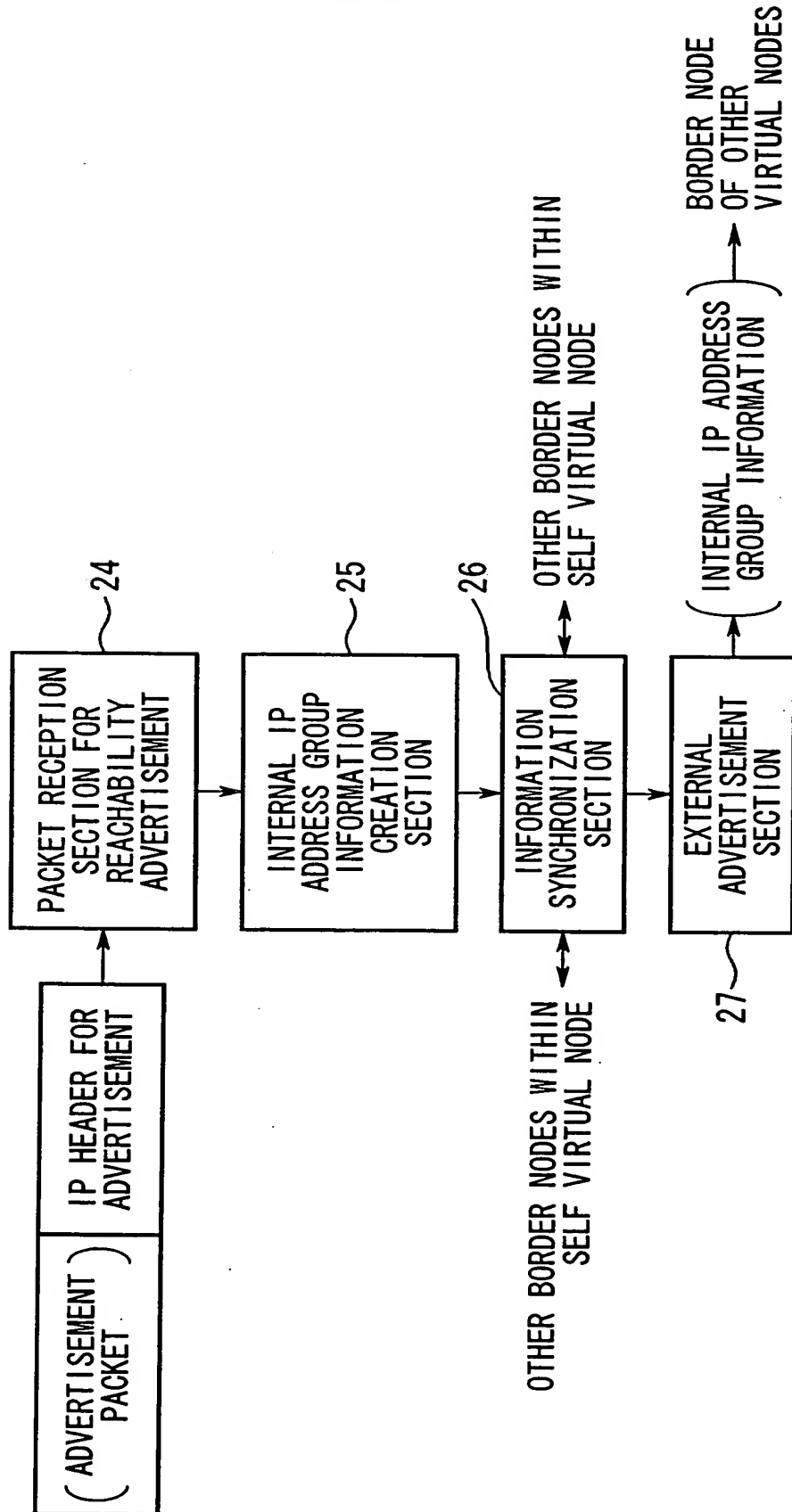
33/53

FIG. 35



34/53

FIG. 36



35/53

FIG. 37

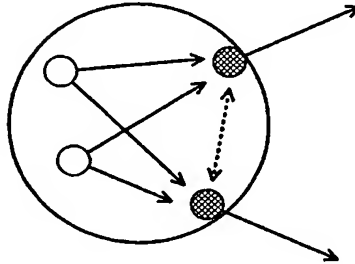


FIG. 38

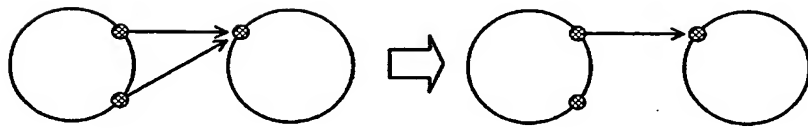


FIG. 44

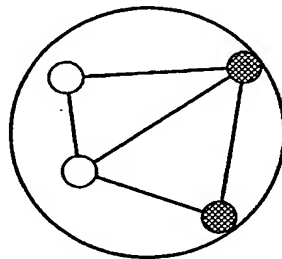
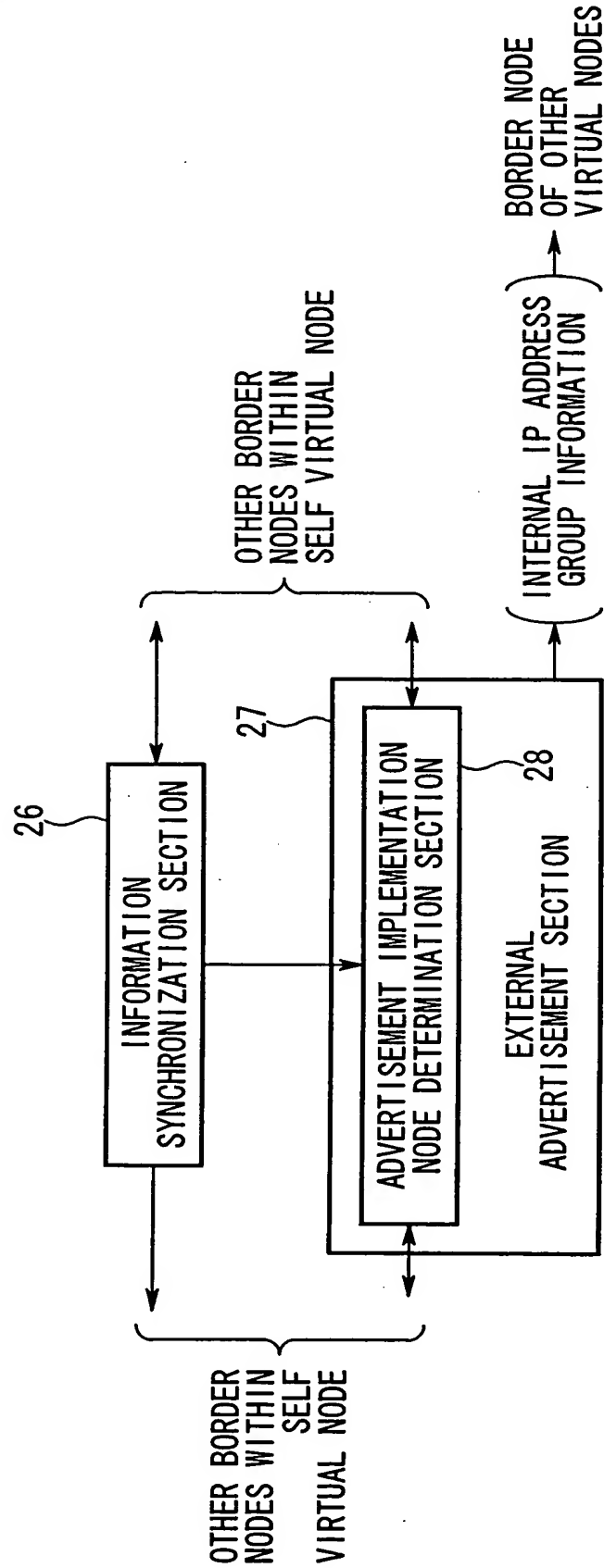


FIG. 39



37/53

FIG. 40

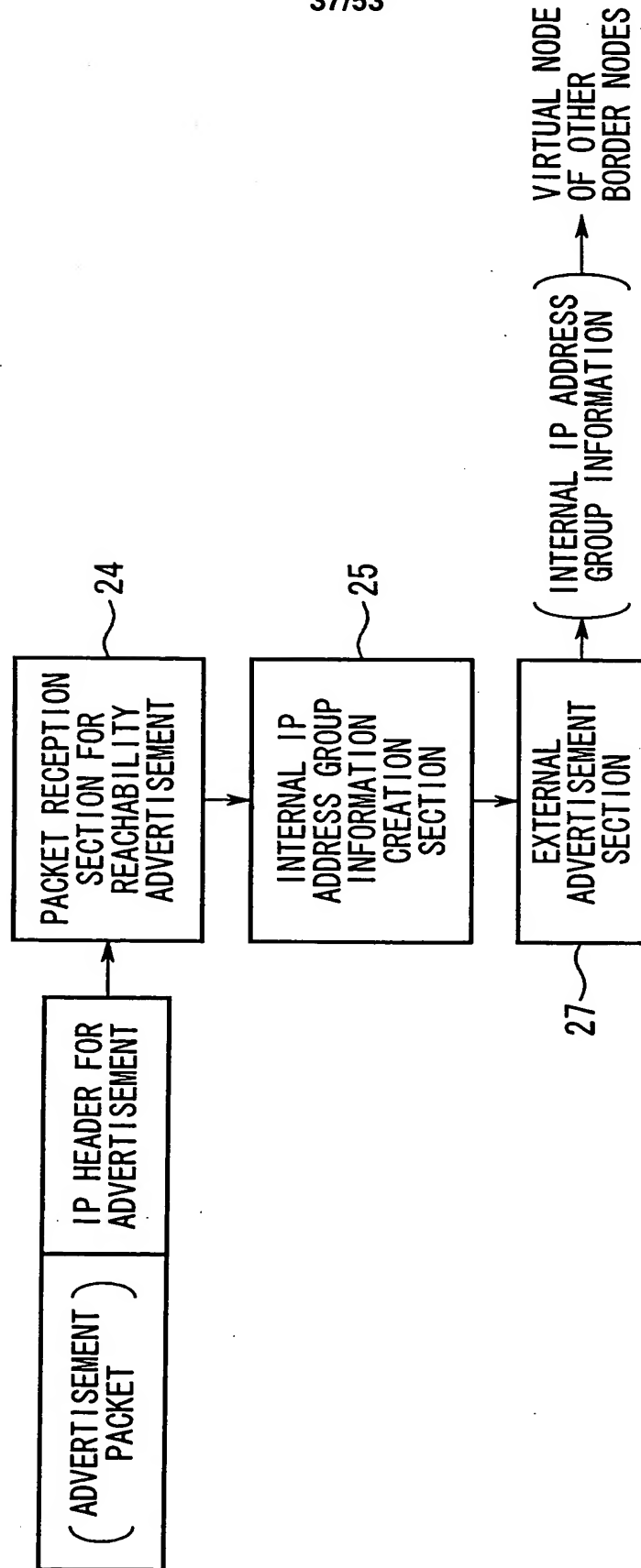


FIG. 41

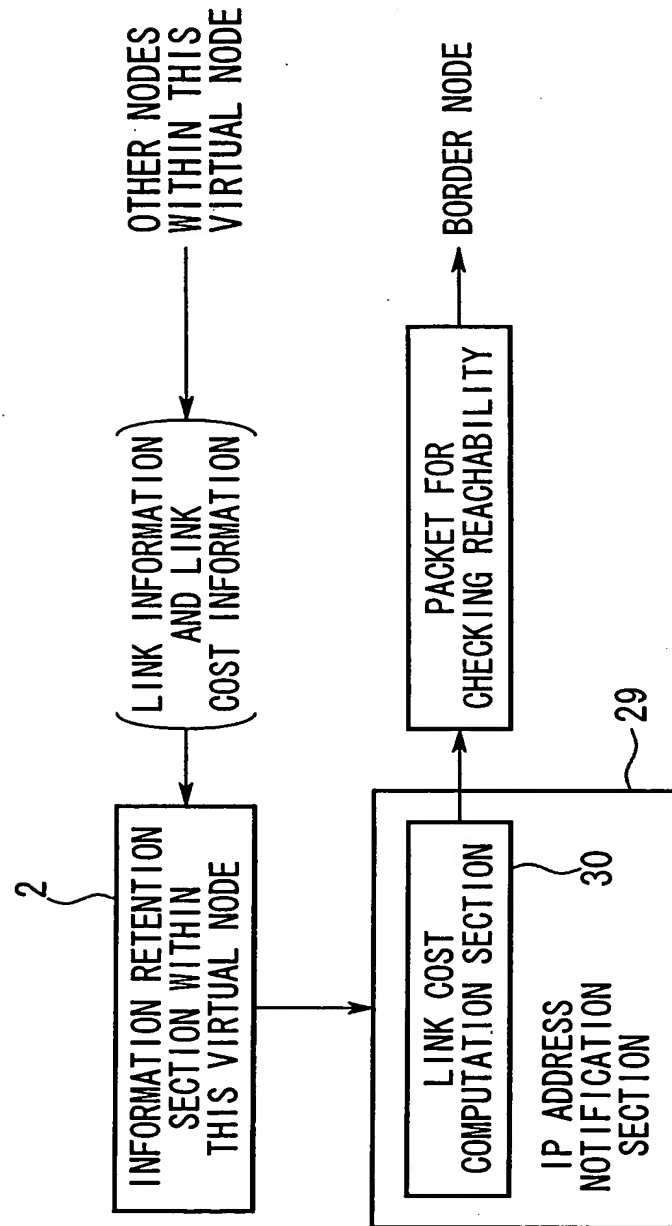


FIG. 42

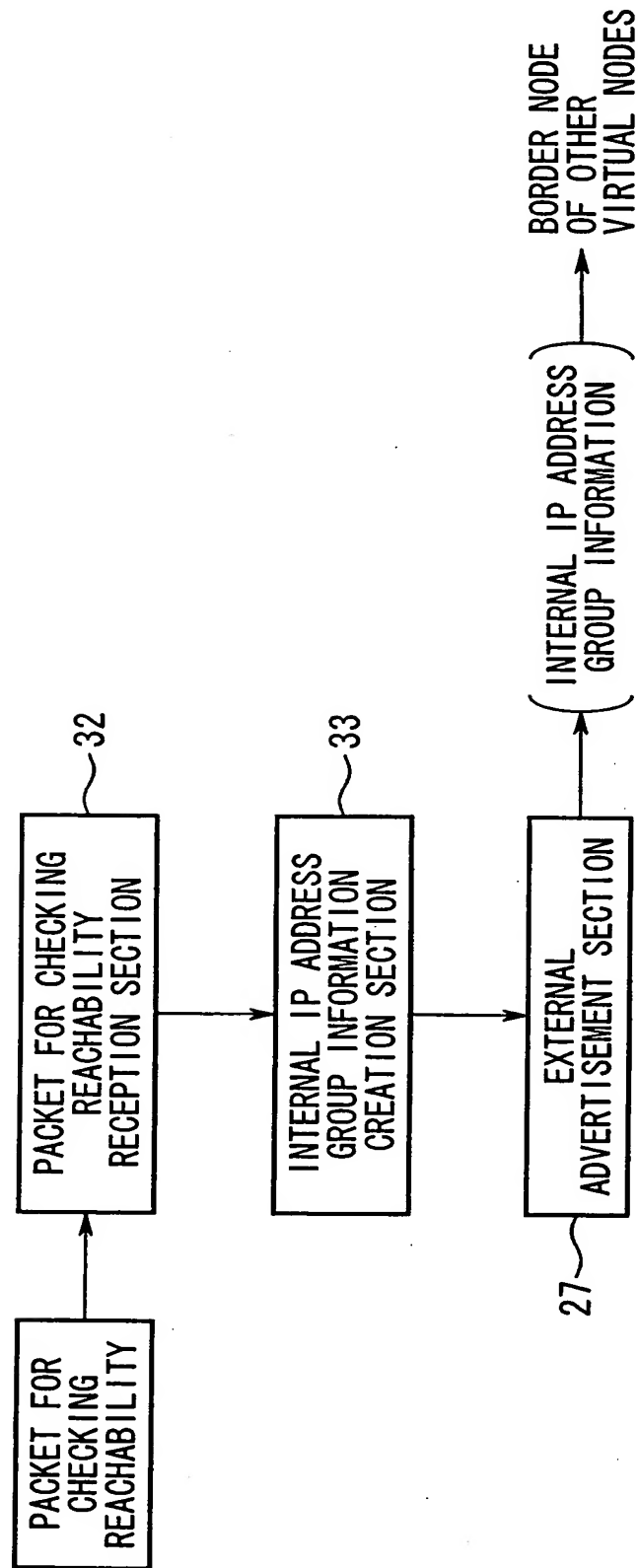
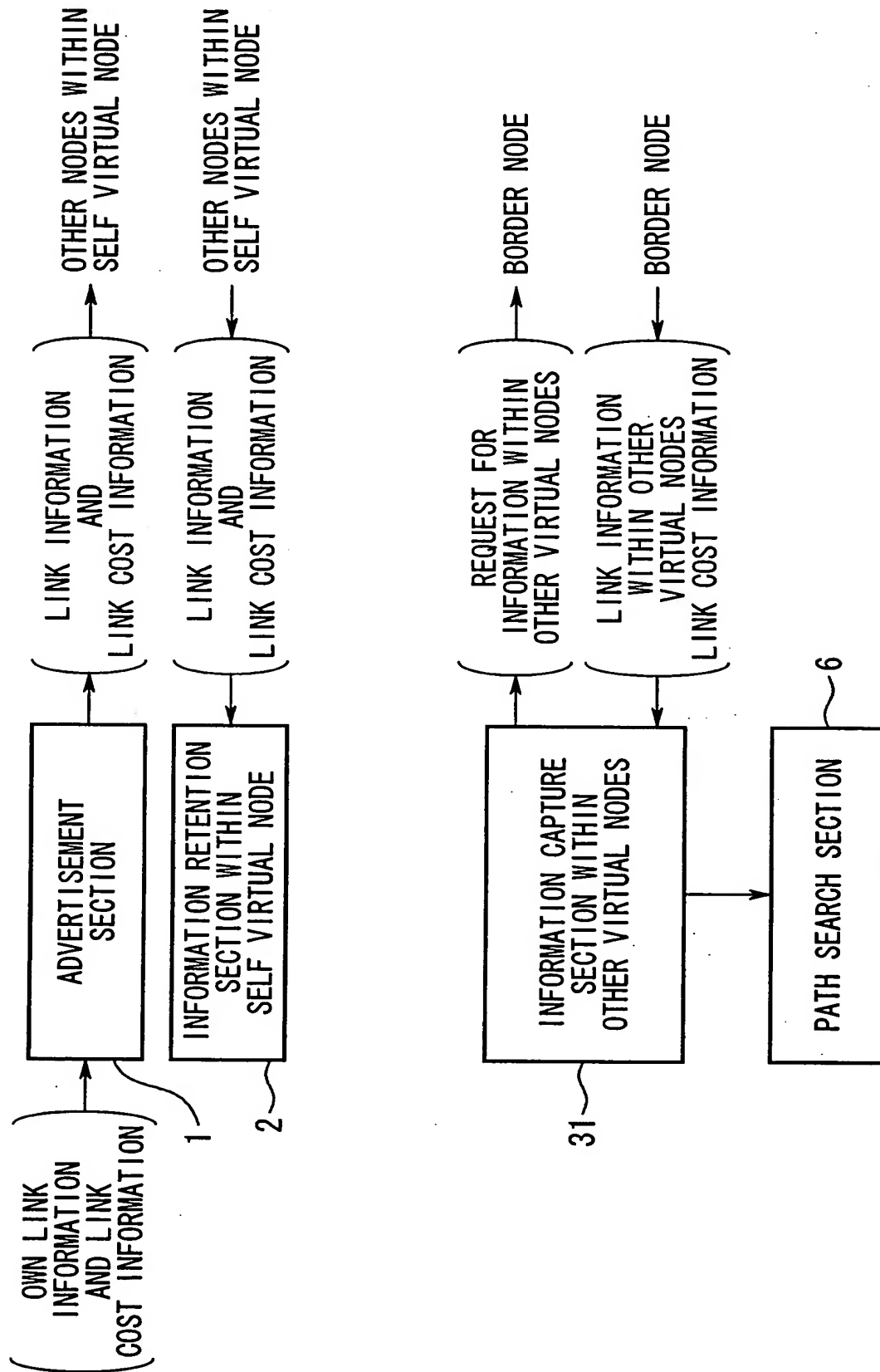


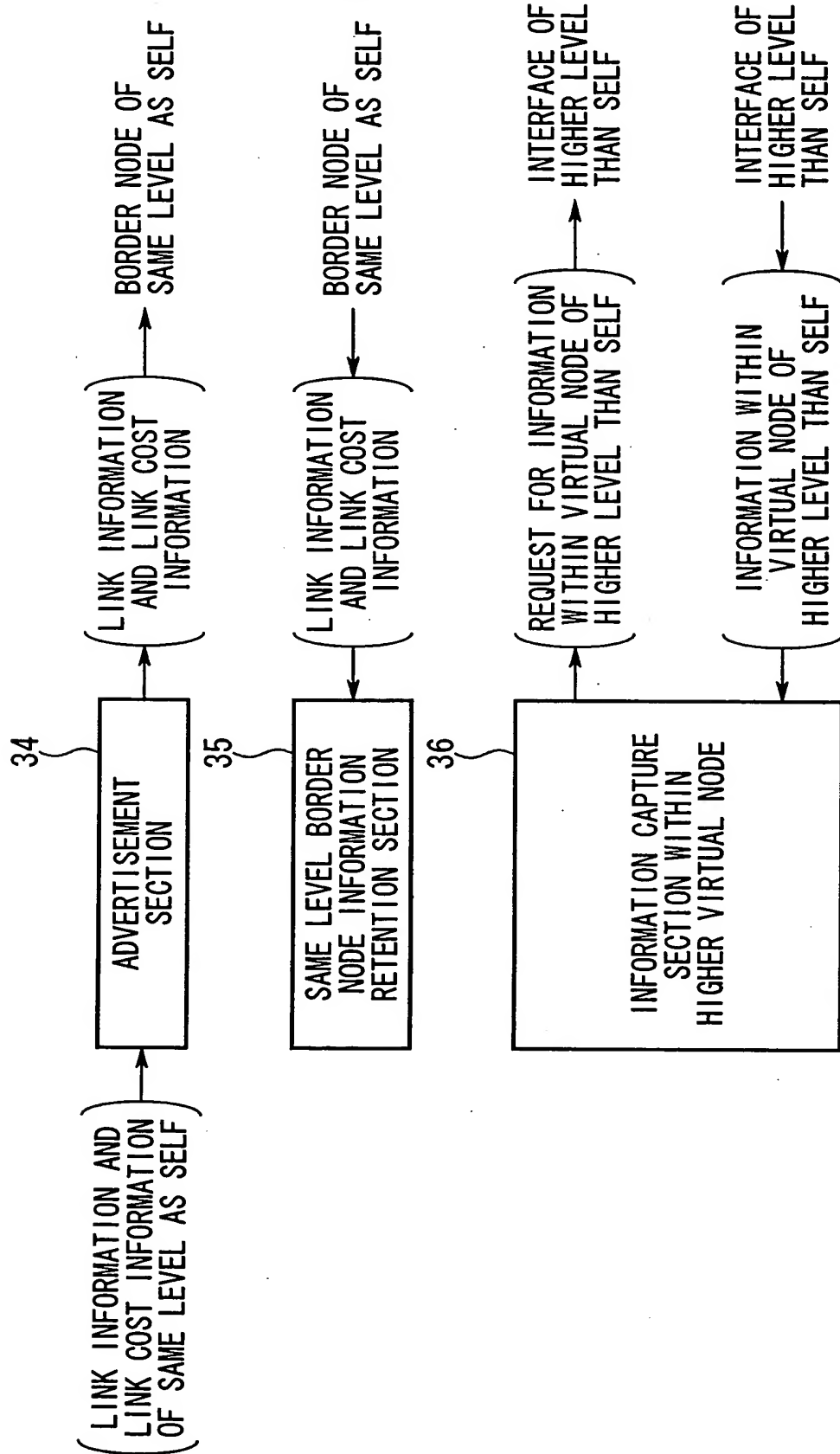
FIG. 43





41/53

FIG. 45



42/53

FIG. 46

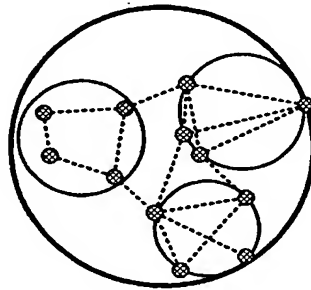
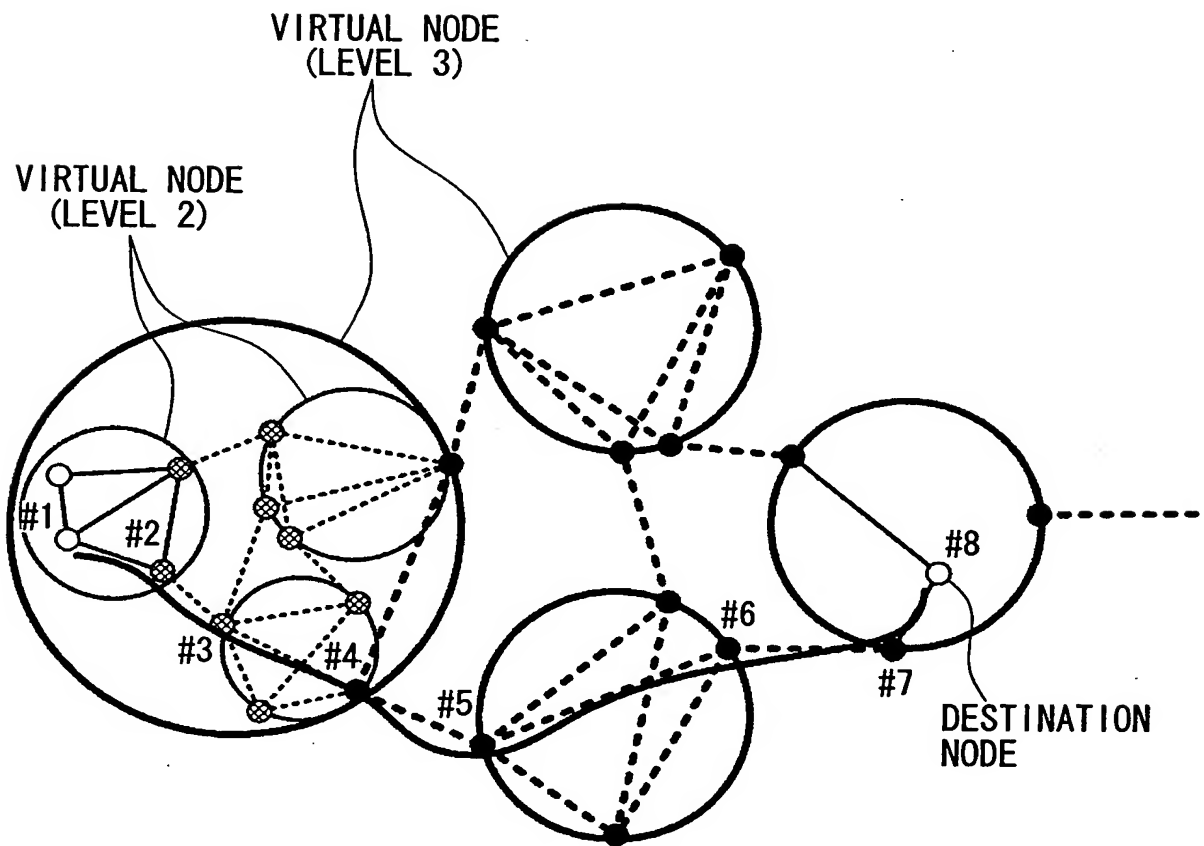
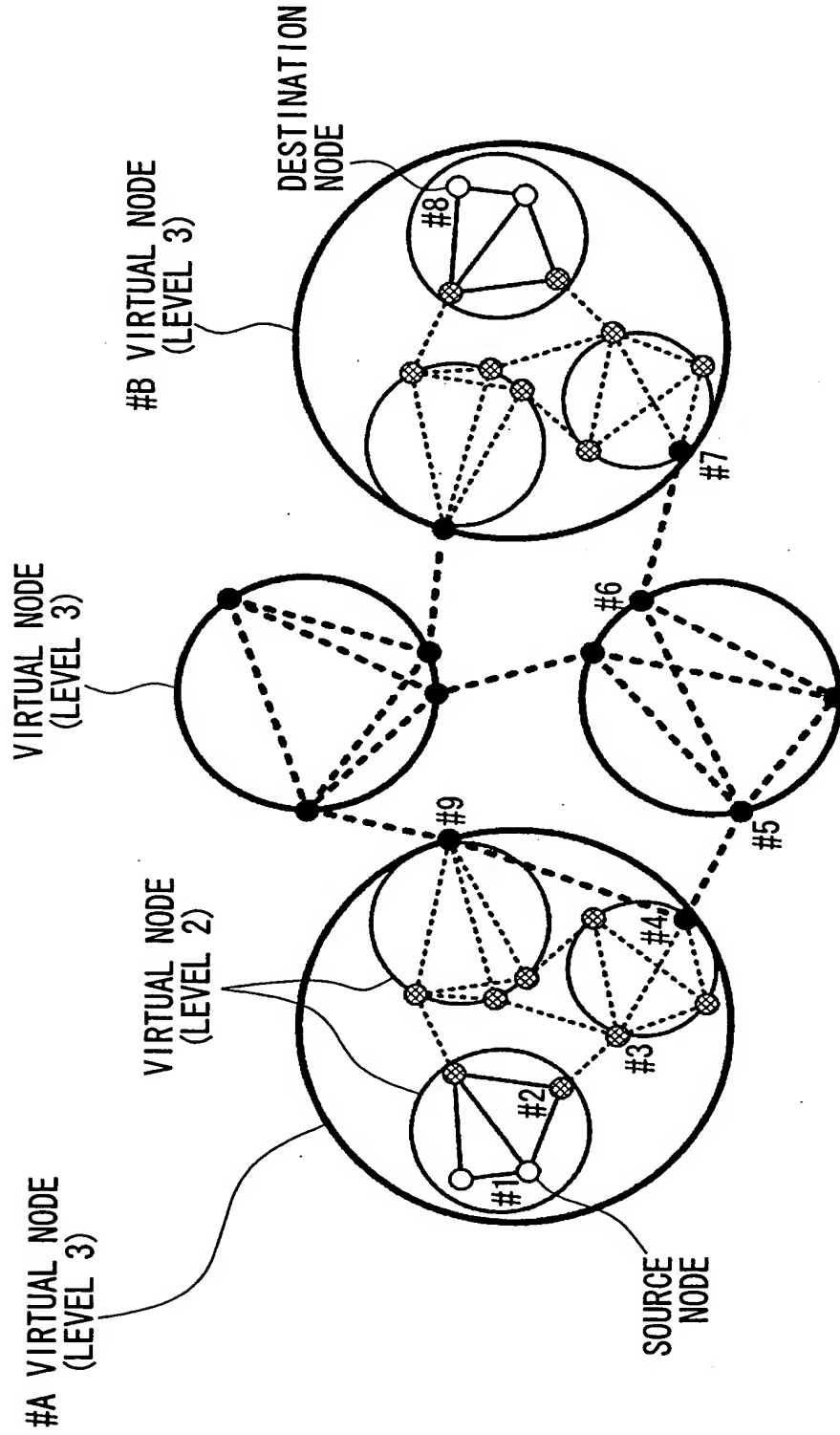


FIG. 47



#A VIRTUAL NODE  
(LEVEL 3)

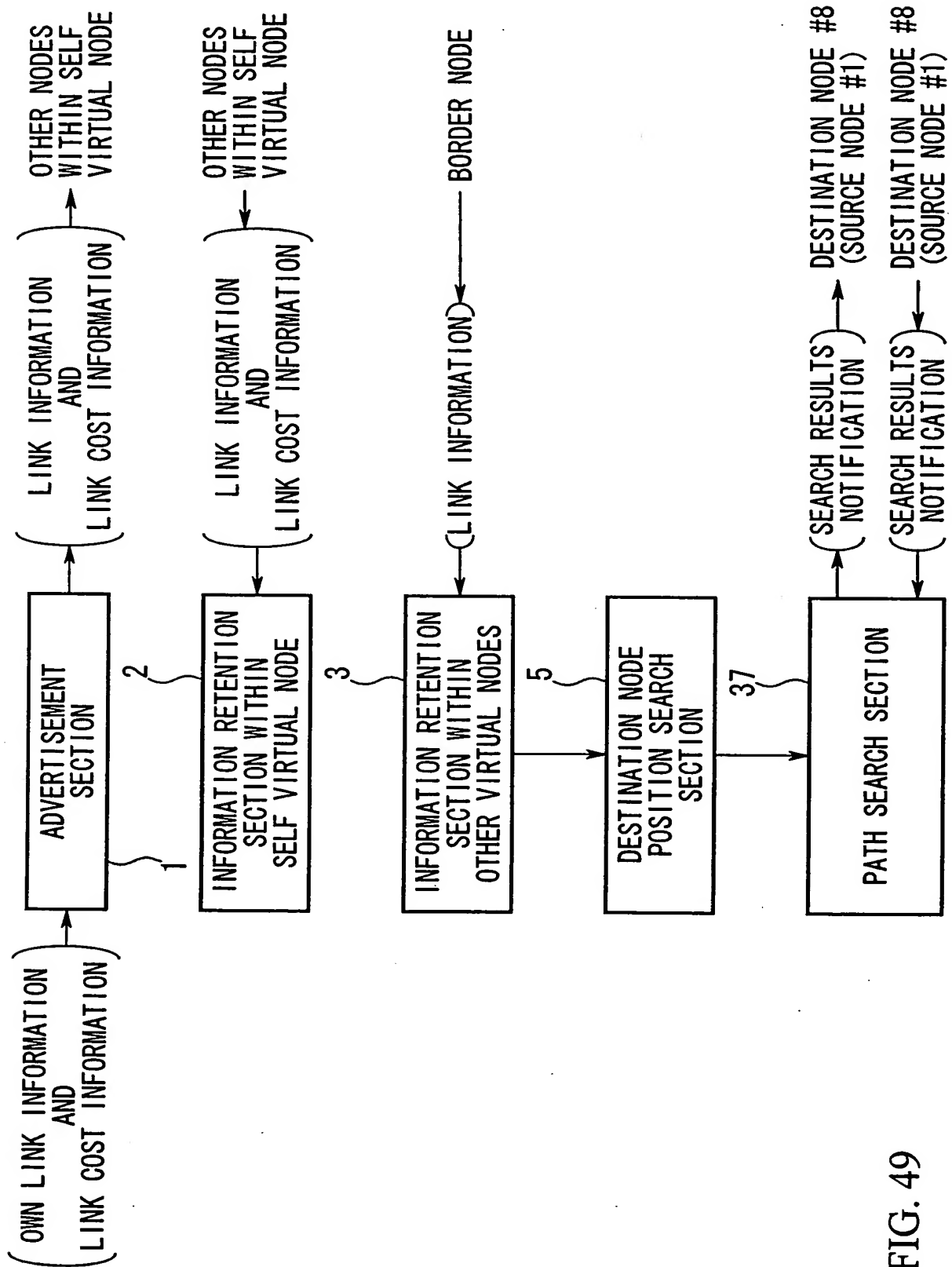
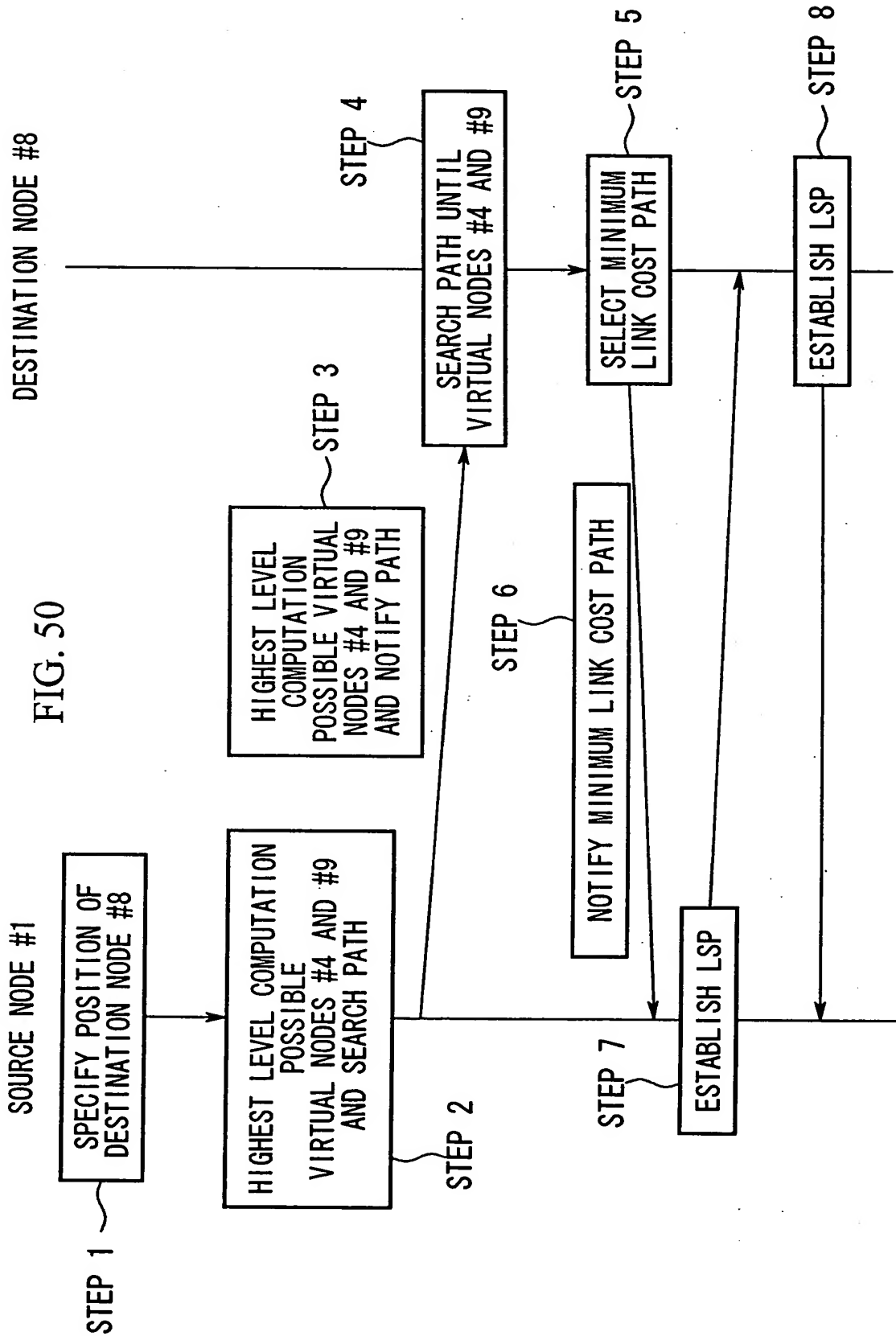


FIG. 49

45/53



46/53

FIG. 51

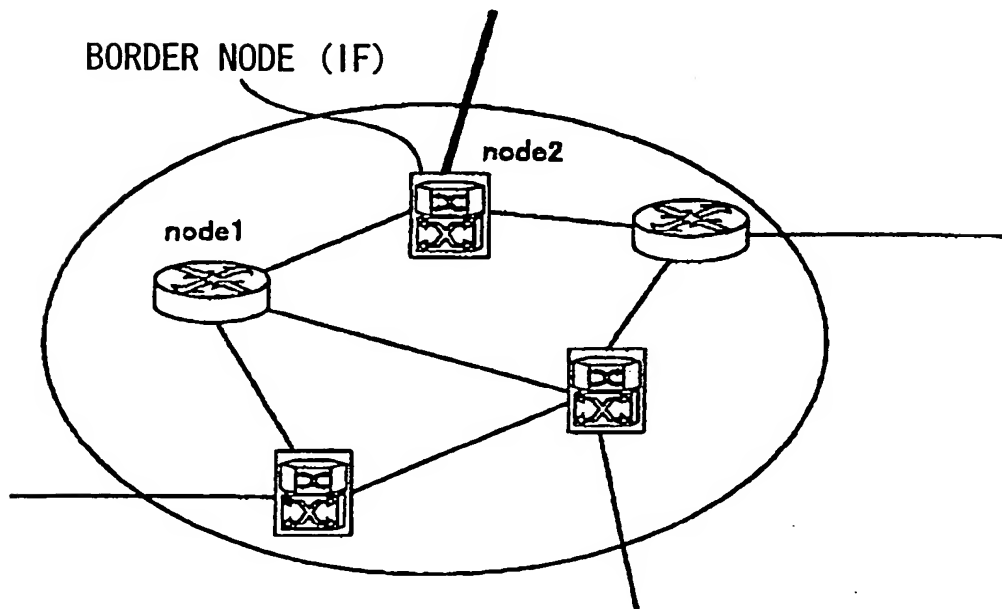
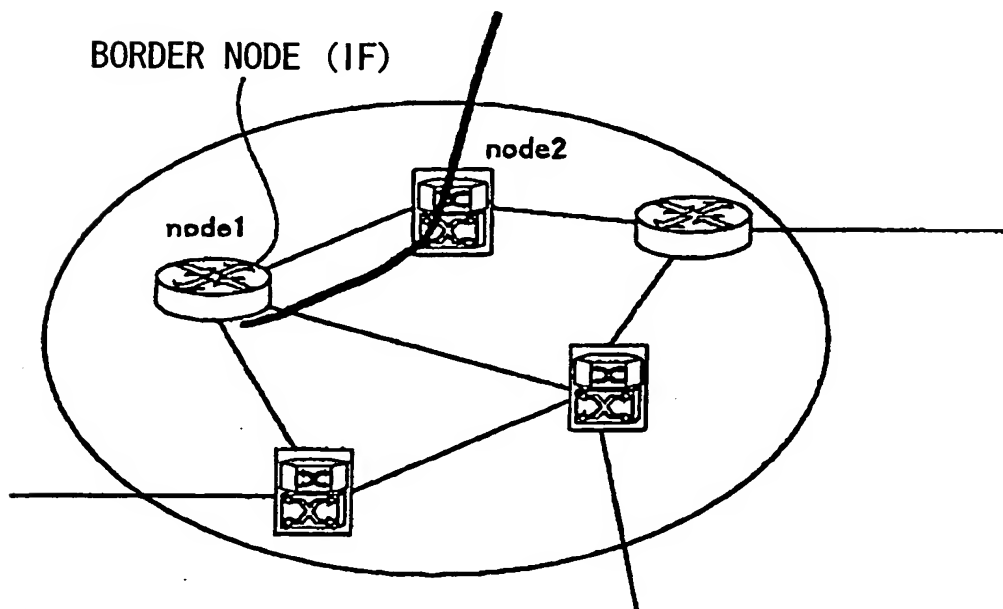


FIG. 52



47/53

FIG. 53

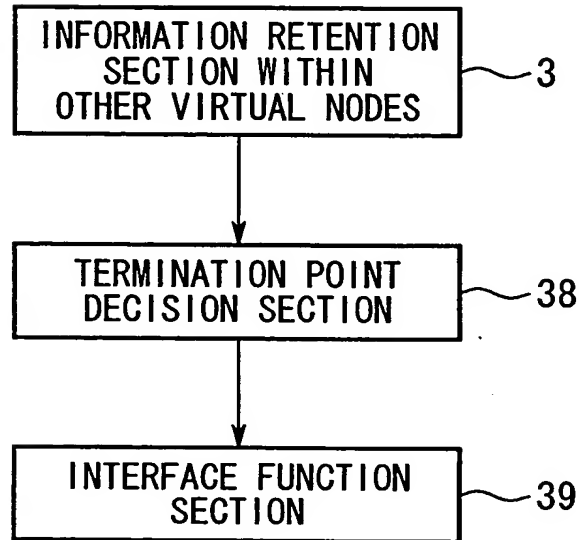
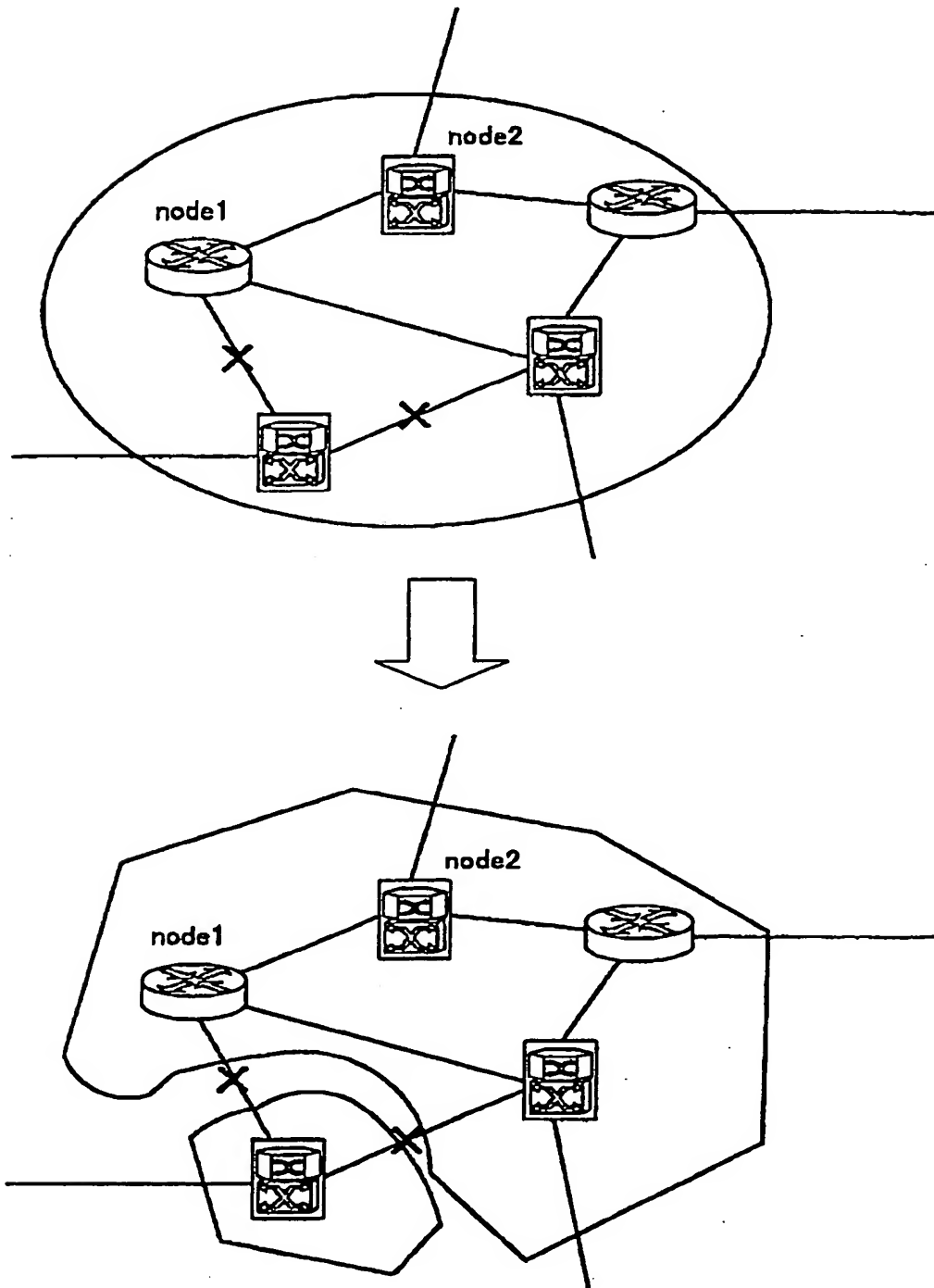


FIG. 54





49/53

FIG. 55

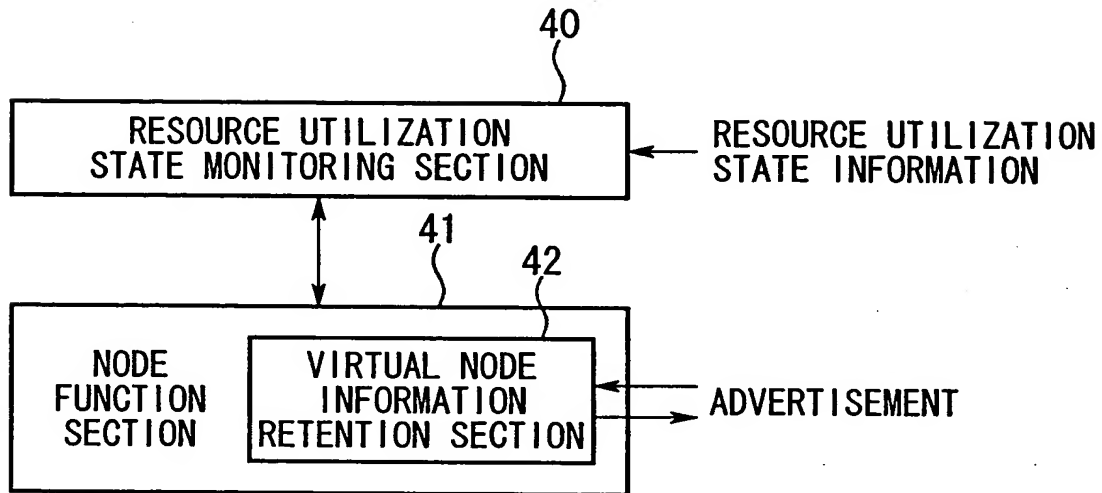
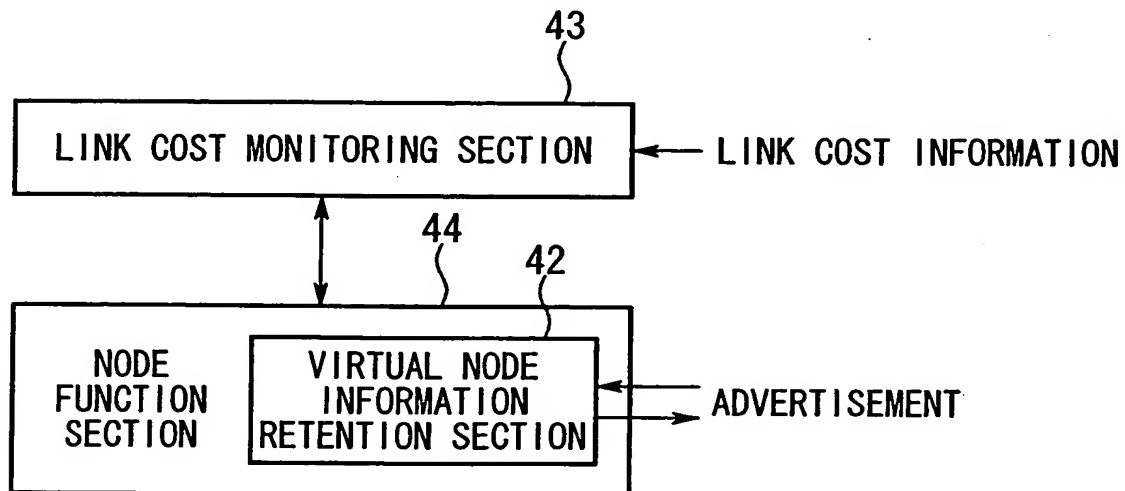


FIG. 56



50/53

FIG. 57

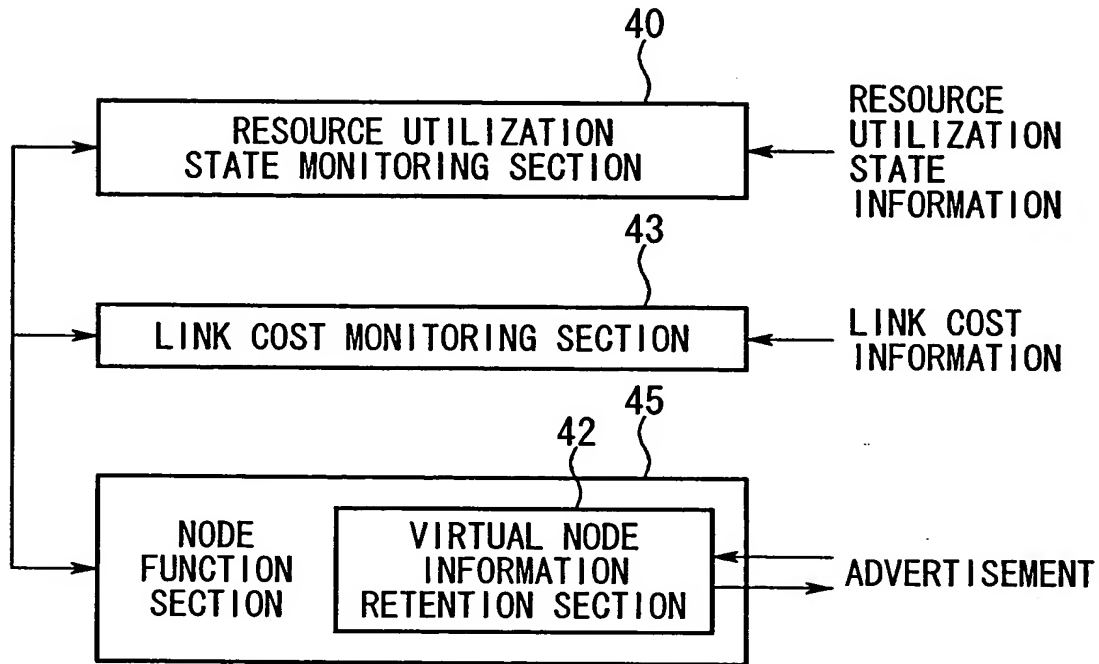
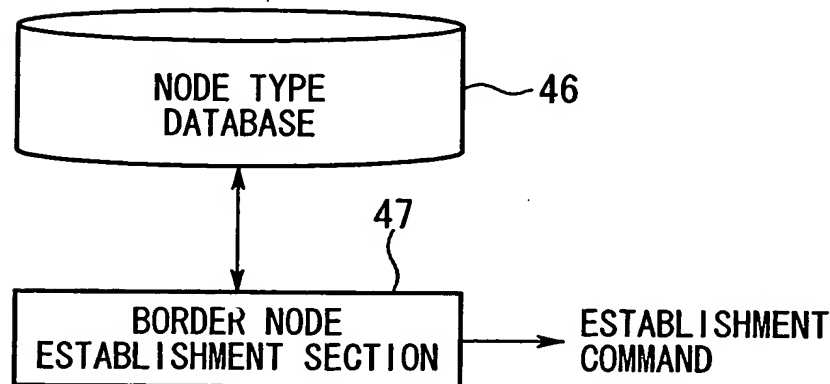


FIG. 58



51/53

FIG. 59

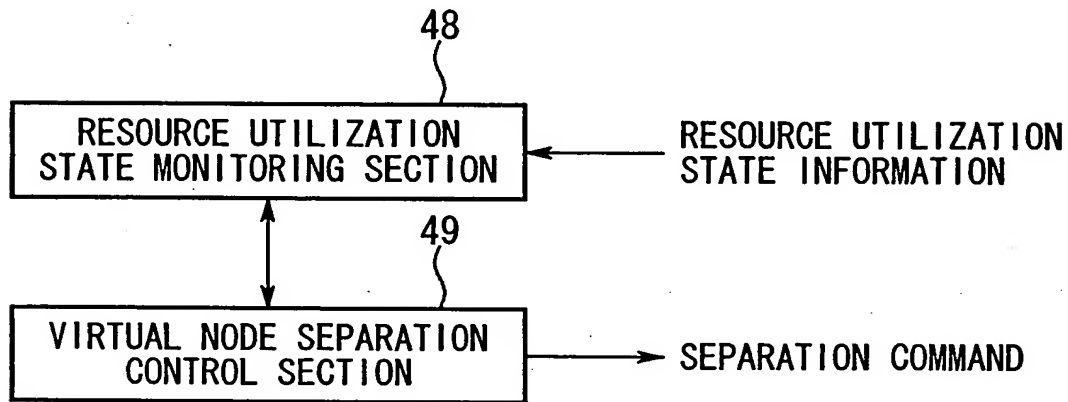
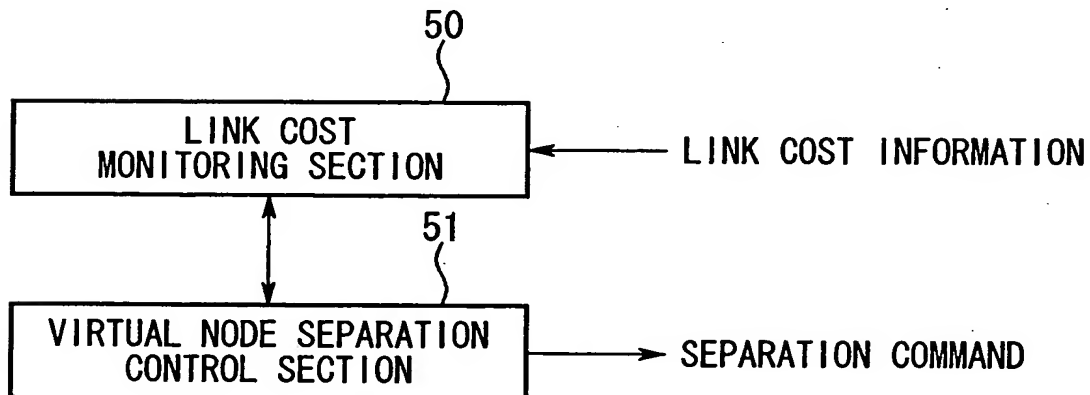
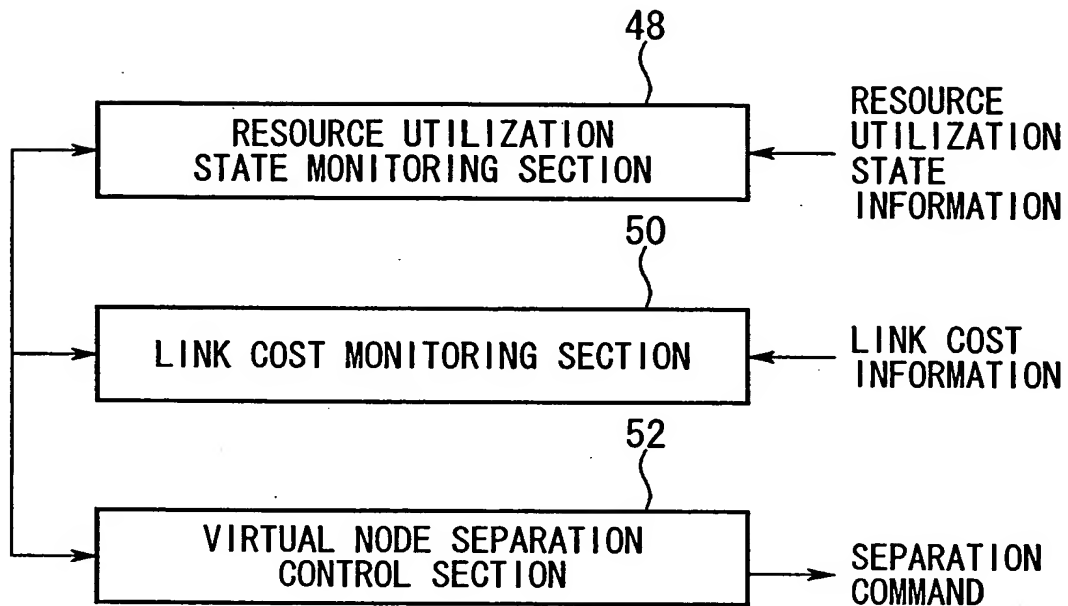


FIG. 60



52/53

FIG. 61



53/53

FIG. 62

